SED-227
Boots & Coots Daily Reports
I.19-06-016
ALJs: Hecht/Poirier
Date Served: March 24, 2021



				900	TS & COOTS SERVICES				
		Date:	26-Oct-2015		Well Name and	Number:	Standard Senso	n 25 Rep	oort# 2
	Custon		Southern Californ	ia Gas Company		County:		os Angeles	
uetome	r Billing	Address:	12801 Tampa Av	e., SC 9328		State:		California	
ustome	er billing	Address.	Northridge, CA,	91326	7, 3	Country:		USA	
		AFE #:				Location:	Aliso Can	iyon Storage F	acility
		sentative:				Vell Type:		Gas	
Rep			Danny Walzel			Job Type:	V	Well Control	
			Standard Senson			Rig No:		N/A	
		of Charge			ments	Units	Unit C	harge	Total
		trol Specia			Clayton	1			
	and the same of th	ol Specialis itrol Engine			Kopecky Walzel	1			
01.	VVEII COI	in Or Eriginie	.61 4	Darny	VVaizei				
Ge	eneral Da	ily Expens	e	D. Clayton / J. Ko	pecky / D. Walzel	3			
- 33		otel			pecky / D. Walzel	3			
	Rent	al Car				1			
							1/		
					-	C			
					4				
					7		73		
			- 141	Estir	mated Daily Total				
					Vell Summary		4		
ndard S	enson 25	has broad	hed to surface wit	h several fissures on pa					
	AC 175 JULY 11 11 11 11 11 11 11 11 11 11 11 11 11	C. L. S. S. S. C.	the second case before the party and at \$100.	1/2" slotted liner to 8,74	Part and the second sec	8,510 ft. Pac	ker depth 8,468 ft.		
lour	Hour	71			Activity on S				
5:30	7:00	Traveled f	rom hotel to Aliso	Canyon Storage Facilit					
7:00	8:00			Discussed fabricating		operations, s	ourcing intrinsically	safe slick line	e unit,
			-	and testing casing valve					
8:00	8:30	Traveled t	o Standard Senso	n 25 wellsite. Performe	ed site assessment. (	Gas activity w	as observed to be	unchanged.	
8:30	10:15			us pressure to be 428 p	psi. Dug out around v	vellhead to ex	pose casing valve	. Closed ball	/alve.
			gauge and bushin	O INSTANTANTANTANTANTANTANTANTANTANTANTANTANT					
0:15	12:30			for safety meeting and					
12:30	14:00			p 602 iron from wellhea			W I	C. 24	
4:00	15:30			s on 25A and 25B. 25A					
5:30	16:45		wing well 25 / x 1 4" - 413 psi.	1" annulus through test	separator on 16/64	cnoke. 2-1/8	- 680 psi. 2-7/8	x / - 419 psi.	
6:45	17:00			oke. 2-7/8" - 446 psi, 2-	7/8" x 7" - 416 nsi 7"	x 11-3/4" - 40	04 nsi Gas rate 8	Mscf/day Te	mn - 48F
5, 10	17.00		n. Secured well.	2 110 TTO POI, 2	TO AT TIO POLT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	por. Odd rate 0	oonaay. 10	
7:00	18:30			eting. A slick line unit h	as been sourced. A t	total of 1,000	bbls of 10.0 ppg K	CI was deliver	ed to
				n HT400. Customer re					
		1 Pro-10 / D. W. S. W. B. B	CHEST OF STATE OF STA	nd will begin fabricating	The state of the s				
8:30	19:00	Traveled t	o hotel.						
					ated Owarettane				
	au 0 0 /0"	70	. I. (s.x		ected Operations				
up to flo	ow 2-3/8"	x 7" annul	us to test separate	Proje or. Spot slick line unit a		C.			
up to flo	ow 2-3/8"	x 7" annul	us to test separato		ind HT400 pump truck	C			
				or. Spot slick line unit a	and HT400 pump truck				Date
			us to test separato er Representativ	or. Spot slick line unit a	and HT400 pump truck	C. Name			Date
	Signatu	re Custom	er Representativ	or. Spot slick line unit a	nd HT400 pump truck Approvals Print	Name			
	Signatu	re Custom		or. Spot slick line unit a	Approvals Print Print	Name Name			Date Date
	Signatu	re Custom	er Representativ	or. Spot slick line unit a	Approvals Print Print	Name			
Sign	Signatu	re Custom	er Representativ	e ative	Approvals Print Print Danny	Name Name	Hours on		
Sign	Signatu nature B	re Custom oots and (	er Representativ	e ative	Approvals Print Print Danny	Name Name Walzel	Hours on		Date
Sig:	Signatu nature B ployee Na	re Custom oots and (	er Representativ Coots Represent Hours on Location	e ative	Approvals Print Print Danny	Name Name Walzel	Hours on		Date
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Sign Emp Da	Signatu nature B ployee Nai anny Clayto anny Walze	re Custom oots and ( me	Coots Representation  Hours on Location  11.5  11.5	e ative Travel Hours	Approvals Print Print Danny	Name Name Walzel	Hours on		Date
Sign Emp Da	Signatu nature B ployee Nai anny Clayto anny Walze	re Custom oots and ( me	Coots Representation  Hours on Location  11.5  11.5	e ative Travel Hours	Approvals Print Print Danny	Name Name Walzel	Hours on		Date



					800	S & COOTS SERVICES				
		Date:	27-Oct-2015			Well Name ar	nd Number:	Standard S	enson 25 R	eport#
	Custome	er Name:	Southern Cal	ifornia Gas Co	ompany		County:		Los Angeles	
ustome	er Billing /	Address.		a Ave., SC 932	28		State:		California	
ustonie	or Dining /	L*.012-040	Northridge, C	A, 91326			Country:		USA	
		AFE #:				We	II Location:	Alisc	Canyon Storage	Facility
	er Repres						Well Type:		Gas	
Rep			Danny Walze				Job Type:		Well Control	
			Standard Ser				Rig No:		N/A	
	scription			evel		ments	Units	U	nit Charge	Total
	Well Cont ell Contro			4		Clayton Kopecky	4			
	Well Cont			4	Danny		1			
OI.	HSE Sp	-	,cı	4		Baggett	1 1			
G	eneral Dai		e		D.C./ D.W.		4			
	Hot			24	D.C./ D.W.	STATE OF THE STATE	4	73		
	Airfa	are			Mike E	Baggett	1			
	Renta	Car				37.1	1			
	Renta	Car	- 41				1	-3/		
								1.5		
								1.0		
			3 5							
							4.1			
							3			
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								10		
						nated Daily Total				
					W	ell Summary				
	AND THE PROPERTY OF THE PARTY OF	THE RESERVE TO SERVE THE PERSON OF THE PERSO	THE RESERVE AND THE PARTY OF TH	A THE RESERVE AND SOME AND	fissures on pa	CALL BY THE PARTY OF THE PARTY				
3/4" cas	sing to 990	ft. 7" cas	ing to 8,585 f	t. 5-1/2" slotte	ed liner to 8,74	5 ft. 2-7/8" tubing	to 8,510 ft. Pac	ker depth 8,4	68 ft.	
lour	Hour					Activity or	n Site			
6:45	7:15	Traveled f	rom hotel to k	ocation. Inspe	ected slick line	unit.				
7:15	8:30	Performed	site assessm	nent. Discuss	ed the day's or	perations with SCG	C representativ	es. 7" x 11-3	/4" - 325 psi. 2-7	/8" x 7" -
		307 psi. 2	2-7/8" - 34 psi.							
8:30	10:15	Rigged up	to flow 2-7/8"	x 7" annulus	to test separat	or.				
0:15	and the second s	Application of the sales and the last	line unit and g							
1:15		A PERSONAL PROPERTY.		THE RESIDENCE WAS DESCRIBED TO	draw lines to w	TO SECURE AND ADDRESS OF THE PARTY OF THE PA				
3:30						nnulus pressure de				
4:45						78 psi. Began blee	eding 7" x 11-3/4	" annulus thro	ough test separat	or on 11/64
					s rate 3 Mcf/da					
15:00						2-7/8" x 7" - 21 psi.	2-7/8" 75 psi.			10 psi.
				/8" - 78 psi. M	like Baggett ar	criund on lanation		anfahreamena	entatives.	4.504
	4 4 4 4 4					rived off location.	Met with SCGC	safety repres		A STATE OF THE STA
		Secured w	vell.	-t-0	And the Park		Met with SCGC			
	17:30	Continued	vell. I rigging up sli			and slick line crev	Met with SCGC		tions to A-Frame	
15:30 14:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
14:00	17:30	Continued Rigged up	vell. I rigging up sli	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
4:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
4:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
4:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
4:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
4:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
4:00	17:30	Continued Rigged up	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.	and slick line crev	Met with SCGC		tions to A-Frame	
7:30	17:30	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	IT400 pump tr	uck.		Met with SCGC		tions to A-Frame	
17:30	17:30	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H	IT400 pump tr	uck.	and slick line crev	Met with SCGC		tions to A-Frame	
7:30	17:30	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	IT400 pump tr	ruck. Proje	and slick line crev	Met with SCGC		tions to A-Frame	
4:00 7:30	17:30 (18:00 )	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	IT400 pump tr	ruck. Proje	and slick line crev	Met with SCGC		tions to A-Frame	
4:00 7:30	17:30 (18:00 )	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	IT400 pump tr	ruck. Proje	and slick line crev	Met with SCGC		tions to A-Frame	
4:00 7:30	17:30 (18:00 )	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	IT400 pump tr	ruck. Proje	and slick line crev	Met with SCGC		tions to A-Frame	
4:00 7:30	17:30 I	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	tative	ruck. Proje	cted Operations  Approvals  Prin	Met with SCGC		tions to A-Frame	
4:00 7:30	17:30 I	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav	tative	ruck. Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss request nt Name		tions to A-Frame	Date
4:00 7:30 empt to	17:30 18:00 run in the	Continued Rigged up Departed I	vell. I rigging up sli Halliburton H location. Trav sinker bars. Her Represent	tative	Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss requent Name nt Name	uired modifica		Date
7:30 Pempt to	17:30  18:00  18:00  Signature	Continued Rigged up Departed I	vell. I rigging up slip Halliburton H location. Trav sinker bars. Her Represent	tative	ruck. Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss request nt Name	uired modifica	rs on Location	Date
4:00 7:30 Sig	17:30  18:00  18:00  run in the  Signature ployee Nameranny Clayton	Continued Rigged up Departed I	vell. I rigging up slip Halliburton Halliburton Trav Ilocation. Trav sinker bars. Her Represent	tative	Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss requent Name nt Name	uired modifica		Date
empt to	17:30  18:00  18:00  run in the  Signature ployee Namanny Clayton ranny Walzel	Continued Rigged up Departed I	vell. I rigging up slip Halliburton H location. Trav sinker bars. Her Represent	tative	Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss requent Name nt Name	uired modifica		Date
empt to Sig	17:30  18:00  18:00  run in the  Signature  ployee Name anny Clayton anny Walzel mes Kopecky	Continued Rigged up Departed I	vell. I rigging up slip Halliburton Hallib	tative	Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss requent Name nt Name	uired modifica		Date
empt to Sig	17:30  18:00  18:00  run in the  Signature ployee Namanny Clayton ranny Walzel	Continued Rigged up Departed I	vell. I rigging up slip Halliburton H location. Trav sinker bars. Her Represent	tative	Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss requent Name nt Name	uired modifica		Date
empt to Sig	17:30  18:00  18:00  run in the  Signature  ployee Name anny Clayton anny Walzel mes Kopecky	Continued Rigged up Departed I	vell. I rigging up slip Halliburton Hallib	tative	Proje	cted Operations  Approvals  Prin	Met with SCGC v to discuss requent Name nt Name	uired modifica		Date



		Date: 25-Oct	-2015		Well Name and	Number:	Standard Senson 25	Report #
	Custor	ner Name: Southe	rn Califonia (	Gas Company		County:	Los Angeles	
ustom	er Billing		Tampa Ave.,			State:	California	
	,	Northri	dge, CA, 91	326		Country:	USA	- Fability
uston	ner Renre	AFE #:				Location: lell Type:	Aliso Canyon Storage Gs	e Facility
		erated By: Danny	Walzel			lob Type:	Well Control	
		e - Well #: Standa				Rig No:	N/A	
De		of Charges:	Level		ments	Units	Unit Charge	Total
		ntrol Specialist	4		Clayton	1		
		ol Specialist	4		Kopecky	1		
Si	. vveil Co	ntrol Engineer	4	Danny	y Walzel	- 1	<del></del>	
-	General Da	aily Expense		D. Clayton / J. Ko	peckey / D. Walzel	3		
		otel			ppeckey / D. Walzel	3		
		rfare			peckey / D. Walzel	3		
	Ren	tal Car				1		
			+					
					1			
				F-41	or et ad Dailer Tatal			
					mated Daily Total			
				V	Vell Summary			
lour	Hour				Activity on S	Site		
8:30	9:30	Boots & Coots pe	rsonel travel	to Bush Intercontine	ntal Airport Houston, T			
14.3 * 11.	11:45	Check in, board p				31554		
9:30 11:45	13:45	Fly from Houston	lane.					
9:30 11:45 13:45	13:45 13:15	Fly from Houston Get rental car.	lane. Texas to Lo	s Angeles, CA.				
9:30 11:45 13:45 13:15	13:45 13:15 14:00	Fly from Houston Get rental car. Drive from LAX to	lane. Texas to Los Aliso Canyo	s Angeles, CA. n Storage Facility.			son 25 wellsite Derformed s	sito
9:30 11:45 13:45 13:15	13:45 13:15	Fly from Houston Get rental car. Drive from LAX to Met with Southern	lane. Texas to Los Aliso Canyo California G	s Angeles, CA.  n Storage Facility. as Company repres	entatives. Traveled to	Standard Ser	son 25 wellsite. Performed s	
9:30 11:45 13:45 13:15	13:45 13:15 14:00	Fly from Houston Get rental car. Drive from LAX to Met with Southern assessment. Obs	lane. Texas to Los Aliso Canyo California G served gas br	s Angeles, CA.  n Storage Facility. as Company represoches to surface the	entatives. Traveled to	Standard Sers on well pad.	ison 25 wellsite. Performed s Discussed operations prior to build not. Attempted to lube a	o broaching
9:30 11:45 13:45 13:15	13:45 13:15 14:00	Fly from Houston Get rental car. Drive from LAX to Met with Souther assessment. Obs with client represe the 2-3/8" x 7" an	lane. Texas to Los Aliso Canyo California G Served gas brentatives. Wanulus. Press	s Angeles, CA.  n Storage Facility. as Company represoaches to surface the sinformed client at the surface the sinformed client at the sure increased to 3,20	entatives. Traveled to nrough several fissures tempted to pump dowr 00 psi when broaches	Standard Sers on well pad. In tubing and cooccurred. Op	Discussed operations prior to ould not. Attempted to lube a erations were discontinued.	o broaching
9:30 11:45 13:45 13:15 14:00	13:45 13:15 14:00 18:30	Fly from Houston Get rental car. Drive from LAX to Met with Souther assessment. Obs with client represe the 2-3/8" x 7" an Began sourcing s	lane. Texas to Los Aliso Canyo California G Served gas br entatives. Wa nulus. Press lick line unit,	s Angeles, CA.  n Storage Facility. as Company represoaches to surface the sinformed client at the surface the sinformed client at the sure increased to 3,20	entatives. Traveled to rough several fissures tempted to pump dowr	Standard Sers on well pad. In tubing and cooccurred. Op	Discussed operations prior to ould not. Attempted to lube a erations were discontinued.	o broaching
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9:30  1:45  3:45  3:15  4:00	13:45 13:15 14:00 18:30	Fly from Houston Get rental car. Drive from LAX to Met with Southerr assessment. Obs with client represe the 2-3/8" x 7" an Began sourcing s Traveled to hotel.	lane. Texas to Los Aliso Canyo California Gerved gas brentatives. Wanulus. Press	s Angeles, CA.  n Storage Facility. as Company represoaches to surface that informed client at ure increased to 3,20 frac tanks for kill flui	entatives. Traveled to frough several fissures tempted to pump dowr 00 psi when broaches d, dual pump truck, an	Standard Sers on well pad. In tubing and cooccurred. Op	Discussed operations prior to ould not. Attempted to lube a erations were discontinued.	o broaching
9:30  1:45  3:45  3:15  4:00	13:45 13:15 14:00 18:30	Fly from Houston Get rental car. Drive from LAX to Met with Souther assessment. Ob: with client represe the 2-3/8" x 7" an Began sourcing s Traveled to hotel.	lane. Texas to Los Aliso Canyo California Gerved gas brentatives. Wanulus. Press lick line unit,	s Angeles, CA.  n Storage Facility. as Company represoaches to surface that informed client at ure increased to 3,20 frac tanks for kill flui	entatives. Traveled to prough several fissures tempted to pump down 00 psi when broaches d, dual pump truck, an ected Operations in diagnostic logs.	Standard Sers on well pad. In tubing and coocurred. Opend additional property of the coocurred of the coocur	Discussed operations prior to ould not. Attempted to lube a erations were discontinued.	o broaching and bleed
9:30 1:45 3:45 3:15 4:00	13:45 13:15 14:00 18:30	Fly from Houston Get rental car. Drive from LAX to Met with Southerr assessment. Obs with client represe the 2-3/8" x 7" an Began sourcing s Traveled to hotel.	lane. Texas to Los Aliso Canyo California Gerved gas brentatives. Wanulus. Press lick line unit,	s Angeles, CA.  n Storage Facility. as Company represoaches to surface that informed client at ure increased to 3,20 frac tanks for kill flui	entatives. Traveled to nrough several fissures tempted to pump down 00 psi when broaches d, dual pump truck, an ected Operations in diagnostic logs.	Standard Sers on well pad. In tubing and coocurred. Opend additional property of the coocurred of the coocur	Discussed operations prior to ould not. Attempted to lube a erations were discontinued.	o broaching
9:30 1:45 3:45 3:45 4:00 8:30	13:45 13:15 14:00 18:30 19:00 flow 7" x 1	Fly from Houston Get rental car. Drive from LAX to Met with Souther assessment. Ob: with client represe the 2-3/8" x 7" an Began sourcing s Traveled to hotel.	lane. Texas to Los Aliso Canyo California Gerved gas brentatives. Wanulus. Pressilick line unit,	s Angeles, CA.  In Storage Facility.  In Sto	entatives. Traveled to prough several fissures tempted to pump down 00 psi when broaches d, dual pump truck, an ected Operations in diagnostic logs.  Approvals  Print I	Standard Sers on well pad. In tubing and coocurred. Opend additional property of the service of	Discussed operations prior to ould not. Attempted to lube a erations were discontinued.	o broaching and bleed  Date
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9:30  1:45  3:45  3:45  4:00  8:30  Si	13:45 13:15 14:00 18:30  19:00  flow 7" x 1  Signature E	Fly from Houston Get rental car. Drive from LAX to Met with Southerr assessment. Obs with client represe the 2-3/8" x 7" an Began sourcing s Traveled to hotel.  11-3/4" and 2-7/8" x  Ire Customer Rep  Boots and Coots F  Imme Hours on	lane. Texas to Los Aliso Canyon California Gerved gas brentatives. Wanulus. Pressick line unit, 7" annulus to resentative	s Angeles, CA.  In Storage Facility.  In Sto	entatives. Traveled to prough several fissures tempted to pump down 00 psi when broaches d, dual pump truck, an ected Operations in diagnostic logs.  Approvals  Print I  Danny	Standard Sers on well pad. In tubing and coocurred. Opend additional process of the service of t	Discussed operations prior to build not. Attempted to lube a erations were discontinued. ump iron.	Date  Date
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		Date:	28-Oct-2015			Well Name and N	lumber: Si	tandard Senson 25	Report #
	Custon	ner Name:	Southern Calif	fornia Gas	Company		County:	Los Angele	s
Custon	ner Billing		12801 Tampa				State:	California	
		10000	Northridge, C/	A, 91326			ountry:	USA	e estados
Cuetos	nor Donro	AFE #:					cation:	Aliso Canyon Storag	ge Facility
			Danny Walzel				Il Type: b Type:	Gas Well Contro	N.
IN C		The state of the s	Standard Sens				Rig No:	N/A	,
D		of Charge		evel	Com	ments	Units	Unit Charge	Total
		ntrol Specia		4		Clayton	1		(******
1	Well Contr	ol Specialis	st .	4	James	Kopecky	3		
S	r. Well Cor	ntrol Engine	er	4		Walzel	1		
		pecialist		4		Baggett	1		
(		aily Expense	e	5616		/ J.K. / M.B. / J.K. / M.B.	4		
	n	otel		-	D.C./ D.VV.	/ J.N. / WI.D.	4		
	Rent	al Car					- 1		
		al Car					1		
			- 1					= 1	
						mated Daily Total			
						Vell Summary			
					eral fissures on pa		F10.5		
		0 ft. 7" cas	sing to 8,585 ft	. 5-1/2" s	lotted liner to 8,7	45 ft. 2-7/8" tubing to 8,		depth 8,468 ft.	
Hour	Hour	Terror	South to the second	C L AP		Activity on Sit	ie.		
6:45 7:15	7:15	10000	from hotel to lo		o mostina				
7:45	8.00		morning safety			s on well pad appear to	have decreased		
8:00	9:30							si_ Bled tubing pressure	to 86 psi
9:30	11:30							O) Checked pressure or	
			annulus - 134						
11:30	12:15	Made up 1	1-5/8" sample b	bailer. Sta	abbed lubricator.	Opened up well. 2-7/8'	' x 7" - 109 psi.	2-7/8" - 87 psi. RIH with	sample bailer
11:30	12:15	Sat down	hard at 467 ft.					2-7/8" - 87 psi. RIH with ner on tool. Tool tempera	And the second second
		Sat down I	hard at 467 ft.					the same of the sa	And the second second
12:15	12:45	Sat down I Fluid level Lunch.	hard at 467 ft. I - 300 ft.	Pulled or	ut of the hole. Ins	spected sample bailer.	Observed polym	er on tool. Tool tempera	And the second second
12:15 12:45	12:45 14:15	Sat down I Fluid level Lunch. Shot fluid	hard at 467 ft - 300 ft. levels on 7" x	Pulled ou	nt of the hole. Ins	spected sample bailer. (	Observed polym	er on tool. Tool tempera	And the second second
12:15 12:45 14:15	12:45 14:15 15:30	Sat down I Fluid level Lunch. Shot fluid Lined up I	hard at 467 ft. - 300 ft. levels on 7" x -falliburton to p	Pulled ou 11-3/4" ar nump 8.7 p	ut of the hole. Ins nd 2-7/8" x 7" ann ppg Flozane down	spected sample bailer. ( ulus. 7"x 11-3/4" - 43 f n tubing.	Observed polym t. 2-7/8" x 7" - 1	er on tool. Tool tempers	ature 47 deg F.
12:15 12:45	12:45 14:15	Sat down I Fluid level Lunch. Shot fluid Lined up I Filled kill li	hard at 467 ft. - 300 ft. levels on 7" x - alliburton to p ine with 9.5 bb	Pulled ou 11-3/4" are nump 8.7 p	at of the hole. Institute of the hole. Instit	spected sample bailer. ( ulus: 7" x 11-3/4" - 43 f n tubing. np pressure increased to	Observed polyment. 2-7/8" x 7" - 1	er on tool. Tool tempera	ature 47 deg F.
12:15 12:45 14:15	12:45 14:15 15:30	Sat down I Fluid level Lunch. Shot fluid Lined up Filled kill li to 377 psi.	hard at 467 ft. - 300 ft. levels on 7" x -falliburton to p ine with 9.5 bb Pumped 0.2	Pulled ou 11-3/4" ar nump 8.7 p lls, Pumpo bbls, Tub	at of the hole. Institute of the hole. Institute of the hole. Institute of 2-7/8" x 7" annually Florance downed 3.1 bbls. Purnoing pressure 500	spected sample bailer. ( ulus: 7" x 11-3/4" - 43 for tubing.  p pressure increased to psi. Monitored for 5 min	Dbserved polym t. 2-7/8" x 7" - 1 350 psi, Monit nutes, Tubing pr	er on tool. Tool tempers 64 ft. ored 5 minutes. Pressur	ature 47 deg F.
12:15 12:45 14:15	12:45 14:15 15:30	Sat down I Fluid level Lunch. Shot fluid Lined up F Filled kill li to 377 psi. Pumped 0 Pumped 0	hard at 467 ft. 1 - 300 ft. levels on 7" x Halliburton to p ine with 9.5 bb Pumped 0.2 0.5 bbls. Tubin 0.1 bbls. Tubin	Pulled ou 11-3/4" ar jump 8.7 p ls. Pump bbls. Tut ig pressur ig pressur	at of the hole. Institute of the hole. Institute of 2-7/8" x 7" annually Florance downed 3.1 bbls. Purpoing pressure 500 increased to 77 e 998 psi. Monito	spected sample bailer. ( ulus. 7" x 11-3/4" - 43 for tubing.  p pressure increased to psi. Monitored for 5 minutes. Tubing for 5 minutes.	t. 2-7/8" x 7" - 1 3 350 psi. Monit nutes. Tubing prininutes. Tubing ing pressure inc	er on tool. Tool tempers 64 ft. ored 5 minutes. Pressur ressure increased to 525 pressure increased to 8 creased to 1,027 psi. Pui	re increased psi. 01 psi mped 0.1 bbls.
12:15 12:45 14:15	12:45 14:15 15:30	Sat down Fluid level Lunch. Shot fluid Lined up Filled kill li to 377 psi. Pumped 0 Pumped 0 Tubing pre	hard at 467 ft. 1-300 ft.	Pulled ou 11-3/4" ar jump 8.7 p ls, Pump bbls, Tut ig pressur ig pressur isi. Monito	at of the hole. Instant of the hole. Instant of 2-7/8" x 7" annually Florance downed 3.1 bbls. Purpoing pressure 500 e increased to 77 e 998 psi. Monito ored for 5 minutes	spected sample bailer. ( ulus: 7" x 11-3/4" - 43 for tubing.  p pressure increased to psi. Monitored for 5 minutes. Tubing treatments. Tubing pressure increased increased for 5 minutes. Tubing pressure increased.	t. 2-7/8" x 7" - 1 3 350 psi. Monit nutes. Tubing prininutes. Tubing ing pressure inc	164 ft.  ored 5 minutes. Pressur ressure increased to 525 pressure increased to 8	re increased psi. 01 psi mped 0.1 bbls.
12:15 12:45 14:15 15:30	12:45 14:15 15:30 16:15	Sat down Fluid level Lunch. Shot fluid Lined up Filled kill li to 377 psi. Pumped 0 Pumped 0 Tubing pre 1,460 psi.	hard at 467 ft.  1-300 ft.  levels on 7" x  Halliburton to p ine with 9.5 bb. Pumped 0.2  0.5 bbls. Tubin 0.1 bbls. Tubin essure 1,220 p Monitored for	Pulled ou 11-3/4" ar rump 8.7 p lls, Pumpe bbls, Tut- ing pressur- ng pressur- ssi. Monito	at of the hole. Instant of the hole. Instant of 2-7/8" x 7" annually Florance downed 3.1 bbls. Purpoing pressure 500 e increased to 77 e 998 psi. Monitored for 5 minutess. Tubing pressu	spected sample bailer. ( ulus: 7" x 11-3/4" - 43 for tubing.  p pressure increased to psi. Monitored for 5 min ( for psi. Monitored for 5 minutes. Tubing pressure increased to 1,603 psi.	t. 2-7/8" x 7" - 1 3 350 psi. Monit nutes. Tubing prininutes. Tubing ing pressure inceased to 1,337 p	ner on tool. Tool tempers 164 ft. 164 ft. 165 ored 5 minutes. Pressur 165 ressure increased to 525 165 pressure increased to 8 166 oreased to 1,027 psi. Pul 166 psi. Pumped 0.1 bbls. T	re increased psi, 01 psi, mped 0.1 bbls, ubing pressure
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12:15 12:45 14:15 15:30	12:45 14:15 15:30 16:15	Sat down Fluid level Lunch. Shot fluid Lined up Filled kill li to 377 psi. Pumped 0 Pumped 0 Tubing pre 1,460 psi. Tubing pre head valve field injecti	hard at 467 ft.  1 - 300 ft.  I	Pulled ou 11-3/4" ar rump 8.7 p lls, Pump bbls, Tut- ing pressur- g pressur- si. Monito- si. Blod to ssure rema- de up 1-5/8	at of the hole. Institute of the hole. Institute of 2-7/8" x 7" annually Florage Grant	spected sample bailer. ( ulus. 7" x 11-3/4" - 43 for tubing.  p pressure increased to psi. Monitored for 5 minutes. Tubing pressure increased for 5 minutes. Tubing pressure increased for 1,603 psi.  Pressure on pump truck	o 350 psi. Monit nutes. Tubing prininutes. Tubing ing pressure inceased to 1,337 p (16:50) Tubing increased to 2,5	ner on tool. Tool tempers 164 ft. 164 ft. 165 ft. 165 ft. 166 ft. 166 ft. 167 ft. 168 ft. 169	re increased i psi. 01 psi mped 0.1 bbls. ubing pressure
12:15 12:45 14:15 15:30 16:15	12:45 14:15 15:30 16:15 17:00	Sat down Fluid level Lunch. Shot fluid Lined up Filled kill li to 377 psi. Pumped 0 Pumped 0 Tubing pre 1,460 psi. Tubing pre head valve field injecti Ran in hol	hard at 467 ft.  1 - 300 ft.  I	Pulled ou 11-3/4" ar rump 8.7 p ls. Pumpe bbls. Tub g pressur g pressur si. Monito 5 minute sis. Blod to ssure remainde up 1-5/6 bailer. Ta	at of the hole. Institute of the hole. Institute of 2-7/8" x 7" annually Florage Grant	spected sample bailer. ( ulus: 7" x 11-3/4" - 43 for tubing.  p pressure increased to psi. Monitored for 5 minutes. Tubing to 5 minutes. Tubing pressure increased for 1,603 psi. tinued monitoring well.	o 350 psi. Monit nutes. Tubing prininutes. Tubing ing pressure inceased to 1,337 p (16:50) Tubing increased to 2,5	ner on tool. Tool tempers 164 ft. 164 ft. 165 ft. 165 ft. 166 ft. 166 ft. 167 ft. 168 ft. 169	re increased i psi. 01 psi mped 0.1 bbls. ubing pressure
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			9-Oct-2015		Well Name and Nur	nber: St	andard Senson 25	Report #
	Custor		outhern California		Co	unty:	Los Angeles	5
Custom	ner Billing		2801 Tampa Ave.,			state:	California	
Guaton	ior Dinnig	No	orthridge, CA, 91:	326		intry:	USA	
		AFE#			Well Loca		Aliso Canyon Storag	e Facility
		sentative:			Well	Туре:	Gas	
Re		erated By: Da			No.	Гуре:	Well Contro	l
			tandard Senson 25			g No:	N/A	
		of Charges:			ments	Units	Unit Charge	Total
		ntrol Specialis			Clayton	1		
		ol Specialist	4		Kopecky	7	-34	
Si		ntrol Engineer pecialist			/ Walzel Baggett	1		
-7		aily Expense	4		/J.K./M.B.	4	_	
		otel			/ J.K. / M.B.	4		
	*1	Otor		D.O., D.W.	TU.N. TWI.D.		-	
	Rent	al Car				1	-	
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	11010	at Sau						
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					Vell Summary			
				everal fissures on pa	ad site. Surface casing pr			770 psi.
		0 ft. 7" casin	g to 8,585 ft. 5-1/2	2" slotted liner to 8,74	45 ft. 2-7/8" tubing to 8,51	0 ft. Packer	depth 8,468 ft.	
Hour	Hour				Activity on Site			
6:30	7:00	Traveled from	m hotel to location					
7:00	7:30		rming safety/opera					
7:30	8:15				ires around cellar. Fissure		have made fluid overnig	th. Checked
					- 353 psi. 7" x 11-3/4" - 50			
8:15	8:30				fifteen minutes. Shut in.			
8:30	9:30				or. Removed A-Frame from			O psi.
0.00	40.00	-			2-7/8" - 2,450 psi. 2-7/8"	x /" - 2,450 p	osi. / x 11-3/4" - 44 psi.	
9:30	10:30		and the second s	bar and lubricator.				
10:30	10:45	2204	els on SS 25.	nei t/ d/O nei				
10:45	11:00		7" annulus f/ 456		75 nei 9,7/9" v 7" /6" -	ei 7" v 11 21	4" - 501 pei	
12:00	12:00		to discuss slick line		75 psi. 2-7/8" x 7" - 462 p	ai. / X 11-3/-	4 - Dai hai.	
12:30	13:15				RIH. Sat down at 37 ft.	POOH Tool	temperature 50 des E 2	-7/8" - 54 nei
13:15	13:45				Sat down at 37 ft. POOH			
10,10	10,40		iller. Rigged down		Cat down at Or It. FOOR	. Too tempe	ratare 10 day 17, Obser	. 59 106
13:45	14:15				tubing operations. A coile	d tubina unit i	s being mobilized from H	ouma LA
14:15	15:30				0 psi. Discussed removin			
15:30	16:00				it will take 2 days to arrive			
					SCGC will continue running			2.5
16:00	18:00				51 psi. 7" - 685 psi. 11-3/			- 634 psi
					l psi. 11-3/4" - 770 psi.			
18:00	18:30	Traveled to h	the state of the s					
2.71	1							
	the same		e - 11		ected Operations			
emove la	ateral line	s from SS 25.	Rig up CT Wash	n inrough hydrates	Attempt to kill well with 10.	& ppg CaCl2		
					Approvals			
	Signatu	re Customer	Representative		Print Nam	ie		Date
	ignature P	Boots and Co	ots Representativ	IP I	Print Nam	P		Date
çi	and the L	Journal GO	o.o representati		27.0			Pale
Si		1			Danny Wal			
		mo	Hours on Location	Travel Hours	Employ	ee Name	Hours on Location	Travel Hours
Er	mployee Na		ALM CONTRACTOR OF THE PARTY OF		T T			
Er	Danny Clayto	on	11	1				
Er		on	11	1				
Er C	Danny Clayto	on el	1.00	1 1				
Er C J	Danny Clayto Danny Walz	on el ky	11					



				COOTS SERVICE			
	Date:	30-Oct-2015		Well Name and I	Number:	Standard Senson 25	Report # 6
Custo	mer Name:	Southern Californ			County:	Los Angeles	§ .
Customer Billin	g Address:	12801 Tampa Av			State:	California	
	AFE #:	Northridge, CA,	31320		Country: .ocation:	USA Aliso Canyon Storag	e Facility
Customer Repr	1.00,000,000				ell Type:	Gas	- / sasting
Report Ger	nerated By:	Danny Walzel			ob Type:	Well Contro	
		Standard Sensor			Rig No:	N/A	
	n of Charge			omments	Units	Unit Charge	Total
	ontrol Specialis			nny Clayton es Kopecky	1		
	ontrol Engine			nny Walzel	1		
	Specialist	4		ke Baggett	1		
General I	Daily Expens	se	D.C./ D.	W. / J.K. / M.B.	4		
	Hotel		D.C./ D.	W. / J.K. / M.B.	4		
Por	ntal Car				1		
	ntal Car		110		1		
137	100000						
				F-118-118-11			
			E	stimated Daily Total			
andard Sanson	25 has been	chad to surface will	th several features or	Well Summary	nroccure fluid	tuated between 750 psi and	830 nei
				3,745 ft. 2-7/8" tubing to 8			030 psi.
Hour Hour	-0	*		Activity on S			
6:30 7:00		from hotel to locat	22.4				
7:00 7:30		morning safety/op			15.403		
7.30 8.15		d site assessment /4" - 823 psi.	Gas flow from fissu	res has decreased. Chec	cked pressures	s on 25 well. 2-7/8" - Shut in	1.7" -614
8:15 11:45			from injection and wi	thdrawlines. Blew down	lines from 250	psi to 0 psi. Met with Weat	herford
	represent	ative to discuss ed	quipment requiremen			Well 25 11-3/4" casing pres	
		d from 830 psi to 7					
11:45 12:30		tubing kill lateral	rom well 25.				
12:30 13:00 13:00 15:00	1	kill and withdraw	aterals from 7" casin	d spool and with draw line	e from tubing b	ead. Removed 3-1/8" 5M n	nanumatic
10.00						2-1/16" 5M valve on same.	
	3-1/8" 5M	2" LP companion	flanges with 2" tappe	ed bull plugs with needles	valve on 7" an	nulus casing valves. Instal	lled 2-1/16" 5M
				s with needle valves on t	ubing head cas	sing valves. Installed tappe	d flanges w/
15:00 16:00	and the second second second		and with draw lines.	6" 10M Gate Valve and	4-1/16 10M × 4	-1/16" 15M DSA on upper	master valve
10.00						tlet valve. 7" - 585 psi. 11-	
16:00 17:30				0 psi. Shut in: Well 25:			
17:30 18:00	Traveled	to hotel.					
4111	-						
_							
	1						
	1						
	1		Pi	rojected Operations			
II 25A & 25B. Ri	g up on well	25 to pump and fl		ili and tubing. Prepare for	coiled tubing	operations.	
	A TOP SHOWING	Entra de la constante de					
				Approvals			
Signal	ure Custon	ner Representativ	6	Print N	lame		Date
							32
Signature	Boots and	Coots Represent	ative	Print N	NA DV		Date
				Danny V			
Employee N		Hours on Locatio	n Travel Hours	Em	ployee Name	Hours on Location	Travel Hours
Danny Clay		10.5	1				
Danny Wal		10.5	1				
James Kops		10.5	1 1				
8-814 Per	ell	10.5	1	23			
Mike Bagg							
Mike Bagg					7-4	tal Man-hours for Noted Date:	46



						OTE & COOTS SERVICES				
		Date:	31-Oct-2015			Well Name a	nd Number:	Standard Senso	on 25	Report #
	Custon	ner Name:	Southern Calif				County:		os Angele	S
Custom	er Billing	Address:	12801 Tampa				State:		California	
oud to in	ici Billing		Northridge, CA	91326			Country:		USA	
-	100	AFE #:				W	ell Location:	Aliso Car	yon Storag	ge Facility
		sentative:	S				Well Type:		Gas	a .
Re			Danny Walzel			-	Job Type:	1	Nell Contro	ol .
-			Standard Sens		0		Rig No:	11-14-0	N/A	7.4-1
		of Charge ntrol Specia		evel 4		ments Clayton	Units	Unit C	harge	Total
		ol Specialis		4		Kopecky	4			
		ntrol Engine		4		y Waizel	1 3			
- 2		pecialist		4		Baggett	1			
C	Seneral Da	ally Expens	e			. / J.K. / M.B.	4			
	H	otel			D.C./ D.W.	. / J.K. / M.B.	4			
			- 1				7			
	-15000	al Car					1			
	Rent	al Car		- 11 /			1			
							-			
					E-4	imated Daily Tatel				
						imated Daily Total				
	C 2	Charle besser		make a second		Vell Summary				
					ral fissures on protected lines to 8.7.		ta 9 510 9 0	kar danth 5 460 A	-	
		T cas	ing to 6,565 ft.	J-1/2 SI	otten miet to 8,7	45 ft. 2-7/8" tubing		xei uepiii 0,400 Π.	9.7	
Hour	Hour	Traveled	frama bat-1 to 1-	antine		Activity of	ii oite			
6:30 7:15	7:15		from hotel to loo		e magting. Darf	ormed site assessn	ent Well 25 T	ng Shutin 7"	574 nei 44	-3/4" 745 not
7:30	9:30					Removed slick line				
9:30	11:00					let valves. Installe				
2.50	,,		companion flar							
						alve. Installed 3-1	O SIVIX ISUZ III	cau han adabter		
1		valve.	CONTRACTOR OF THE CONTRACTOR O	Q T D T1111	casing outlet v	aive. Installed 3-1	6 3M x 1302 U1	icat han adapter	34	
11:00	12:30	valve.				7alve: Installed 3-1				
11:00	12:30	valve. Lined up o	on 25A tubing.	25A tubin	g pressure 2,600		si. Well 25; 7"	-576 psi. 11-3/4" -	-737 psi.	
	12:30	valve. Lined up o Pumped 3	on 25A tubing. 80 bbls 8.7 ppg	25A tubin polymer p	g pressure 2,600 oill. Displaced wi	0 psi. 8-5/8" - 940 p	si. Well 25; 7" KCl. Shut dow	-576 psi. 11-3/4" - n. Tubing pressur	737 psi. e 550 psi.	
12:30	13:00	valve. Lined up of Pumped 3 889 psi. V Lunch.	on 25A tubing. 30 bbls 8.7 ppg Nell 25: 7" - 57	25A tubin polymer p 78 psi. 11	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi N	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5	si. Well 25; 7" KCl. Shut dow /8" casing from 8	-576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi.	- 737 psi. e 550 psi. Shut in	8-5/8" casing
12:30		valve. Lined up of Pumped 3 889 psi. V Lunch. Removed	on 25A tubing. 30 bbls 8.7 ppg Vell 25: 7" - 57 gauges and 3-	25A tubin polymer p 78 psi. 11 1/8" 5M co	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi. \ companion flange	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg	si. Well 25; 7" KCl. Shut dow /8" casing from 8	-576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi.	- 737 psi. e 550 psi. Shut in	8-5/8" casing
12:30 13:00	13:00 13:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In	on 25A tubing. 30 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and	g pressure 2,600 bill. Displaced wi -3/4" - 749 psi. \ ompanion flange d gauges.	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out	si. Well 25; 7" KCl. Shut dow /8" casing from 8	-576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi.	- 737 psi. e 550 psi. Shut in	8-5/8" casing
12:30 13:00	13:00 13:30 14:00	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A:	on 25A tubing. 30 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press	g pressure 2,600  ill. Displaced wi  -3/4" - 749 psi \  ompanion flange d gauges.  sure from 770 ps	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi.	si. Well 25; 7" KCl. Shut dow /8" casing from 8 let valve. Install	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150	737 psi. e 550 psi. Shut in 02 thread h	8-5/8" casing
12:30 13:00 13:30 14:00	13:00 13:30 14:00 15:45	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A	on 25A tubing. 30 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8"	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing pressor	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00	13:00 13:30 14:00	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w	on 25A tubing. 30 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi.	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00	13:00 13:30 14:00 15:45	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45	13:00 13:30 14:00 15:45 16:30	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7"	on 25A tubing.  50 bbls 8.7 ppg Nell 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus " - 584 psi. 7" )	25A tubin polymer p 78 psi. 11 1/8" 5M co valve and asing press annulus v ss fabricati	g pressure 2,600  iiii. Displaced wi  -3/4" - 749 psi. \  ompanion flange d gauges.  sure from 770 ps  with 205 bbl 8.5 l  ing valve extensi	0 psi, 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on	si. Well 25; 7" KCI. Shut dow /8" casing from 8 let valve. Install annulus and 600	.576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
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12:30 13:00 13:30 14:00 15:45 16:30	13:00 13:30 14:00 15:45 16:30 17:00	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7" Traveled t	on 25A tubing.  50 bbls 8.7 ppg  Well 25: 7" - 57  gauges and 3- stalled 1" plug  Bled 8-5/8" ca  2-7/8" x 8-5/8"  Velder to discus  - 584 psi. 7")  To hotel.	25A tubin polymer p 78 psi. 11: 1/8" 5M ca valve and asing press annulus v as fabricati x 11-3/4" -	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi. Normpanion flange d gauges. sure from 770 ps with 205 bbl 8.5 ling valve extensi. 727 psi.	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 pps Well 25A: Bled 8-5 if from 7" casing out si to 0 psi. KCI. Left 50 psi on ion handle to opera	si. Well 25; 7" KCI. Shut down /8" casing from 8 let valve. Install annulus and 600 te wellhead ball	576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 psi on 2-7/8" tub valves. Well 25:	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
12:30 13:00 13:30 14:00 15:45 16:30	13:00 13:30 14:00 15:45 16:30 17:00	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7" Traveled t	on 25A tubing.  50 bbls 8.7 ppg  Well 25: 7" - 57  gauges and 3- stalled 1" plug  Bled 8-5/8" ca  2-7/8" x 8-5/8"  Velder to discus  - 584 psi. 7")  To hotel.	25A tubin polymer p 78 psi. 11: 1/8" 5M ca valve and asing press annulus v as fabricati x 11-3/4" -	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi. Normpanion flange d gauges. sure from 770 ps with 205 bbl 8.5 ling valve extensi. 727 psi.	0 psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCI. Left 50 psi on ion handle to opera	si. Well 25; 7" KCI. Shut down /8" casing from 8 let valve. Install annulus and 600 te wellhead ball	576 psi. 11-3/4" n. Tubing pressur 889 psi to 770 psi. ed 3-1/8" 5M x 150 psi on 2-7/8" tub valves. Well 25:	737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter
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12:30 13:00 13:30 14:00 15:45 16:30	13:00- 13:30  14:00 15:45 16:30  17:00  Rig up on  Signature E  Inployee Na Danny Clayto Danny Walz	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7" Traveled t	on 25A tubing.  50 bbls 8.7 ppg  Nell 25: 7" - 57  gauges and 3- stalled 1" plug  Bied 8-5/8" ca  2-7/8" x 8-5/8"  velder to discus  '- 584 psi. 7" )  to hotel.  Dump and flow the reference of	25A tubin polymer p 78 psi. 11. 1/8" 5M cc valve and asing press rannulus v ss fabricati x 11-3/4" -	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi. \ companion flange d gauges. sure from 770 ps with 205 bbl 8.5 l ing valve extensi 727 psi.  Proje g annuli and tub	o psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCi. Left 50 psi on ion handle to opera ected Operations ing. Prepare for co	si. Well 25; 7" KCI. Shut down /8" casing from 8 let valve. Install annulus and 60 te wellhead ball illed tubing opera nt Name ny Walzel	576 psi. 11-3/4" - n. Tubing pressure 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub valves. Well 25:	- 737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter ut in.  Date
12:30 13:00 13:30 14:00 15:45 16:30	13:00- 13:30  14:00 15:45 16:30  17:00  Rig up on  Signature E  Inployee Na Danny Clayto Danny Walzames Kopec	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7" Traveled t	on 25A tubing.  50 bbls 8.7 ppg Well 25: 7" - 57 gauges and 3- stalled 1" plug Bled 8-5/8" ca 2-7/8" x 8-5/8" velder to discus '- 584 psi. 7" ) to hotel.  country and flow the ser Representation for Representation 9.25 9.25 9.25 9.25	25A tubin polymer p 78 psi. 11. 1/8" 5M cc valve and asing press rannulus v ss fabricati x 11-3/4" -	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi. \ companion flange d gauges. sure from 770 ps with 205 bbl 8.5 l ing valve extensi 727 psi.  Proje g annuli and tub	o psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCi. Left 50 psi on ion handle to opera ected Operations ing. Prepare for co	si. Well 25; 7" KCI. Shut down /8" casing from 8 let valve. Install annulus and 60 te wellhead ball illed tubing opera nt Name ny Walzel	576 psi. 11-3/4" - n. Tubing pressure 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub valves. Well 25:	- 737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter ut in.  Date
12:30 13:00 13:30 14:00 15:45 16:30	13:00- 13:30  14:00 15:45 16:30  17:00  Rig up on  Signature E  Inployee Na Danny Clayto Danny Walz	valve. Lined up of Pumped 3 889 psi. V Lunch. Removed flange. In Well 25A: Filled 25A Met with w 2-7/8" x 7" Traveled t	on 25A tubing.  50 bbls 8.7 ppg  Nell 25: 7" - 57  gauges and 3- stalled 1" plug  Bied 8-5/8" ca  2-7/8" x 8-5/8"  velder to discus  '- 584 psi. 7" )  to hotel.  Dump and flow the reference of	25A tubin polymer p 78 psi. 11. 1/8" 5M cc valve and asing press rannulus v ss fabricati x 11-3/4" -	g pressure 2,600 pill. Displaced wi -3/4" - 749 psi. \ companion flange d gauges. sure from 770 ps with 205 bbl 8.5 l ing valve extensi 727 psi.  Proje g annuli and tub	o psi. 8-5/8" - 940 p ith 152 bbls 8.5 ppg Well 25A: Bled 8-5 from 7" casing out si to 0 psi. KCi. Left 50 psi on ion handle to opera ected Operations ing. Prepare for co	si. Well 25; 7" KCI. Shut down /8" casing from 8 let valve. Install annulus and 60 te wellhead ball illed tubing opera nt Name ny Walzel	576 psi. 11-3/4" - n. Tubing pressure 889 psi to 770 psi. ed 3-1/8" 5M x 150 0 psi on 2-7/8" tub valves. Well 25:	- 737 psi. e 550 psi. Shut in. 02 thread h	8-5/8" casing nalf adapter ut in.  Date



						OTS & COOTS SENVIORS					
		Date:	1-Nov-2015			Well Name ar	nd Number:	Standard S	Senson 25	Report #	
	Custon	ner Name:	Southern Ca			( )	County:		Los Ange		
Custom	er Billing	Address:	12801 Tamp				State:		Californi	a	
			Northridge, C	CA, 9132	6	100	Country:	AV	USA	- 100	
Custon	nor Popro	AFE #:				VVe	Il Location:	Alise	Canyon Store	age Facility	
			Danny Walze	ol .		1	Well Type: Job Type:		Well Cont	ml	
Re			Standard Se				Rig No:		N/A	101	
De		of Charge		Level	Con	nments	Units	1 11	nit Charge	To	tal
		ntrol Specia		4		y Clayton	1		int ondige	10	tui
	P. C. C. A. C.	ol Specialis	7 *** * 2 * 2	4		s Kopecky	Y				
Sr	. Well Cor	ntrol Engine	er	4	Dann	y Walzel	3				
		pecialist	5	4		Baggett	1				
(		ally Expens	e			/. / J.K. / M.B.	4				
	H	otel			D.G./ D.W	/, / J.K. / M.B.	4				
	Pent	tal Car		-			1				
	-15000	tal Car		-			1 1	-			
	7.19016						idle -				
			- 7				10				
					Est	timated Daily Total					
						Well Summary					
					eral fissures on p						
		0 ft. 7" cas	sing to 8,585	ft. 5-1/2"	slotted liner to 8,7	745 ft. 2-7/8" tubing t		ker depth 8,4	168 ft.		
Hour	Hour					Activity or	n Site				
6:30	7:15	11.00	from hotel to I								
7:15	7:30		morning safet			4 in 70 070 it	4 2/4/1 000				
7:30 7:45	7:45 8:30					ut in. 7" - 676 psi. 1 scussed well situation			hina caulum-	4	
											ed
	11:15	I Kidded Un	COLUMN TO THE					5 / DDG DOWN	er pill down tu	DIDO PURSO	
8:30	11:15					3-5/8" - 2,440 psi. Pu re 0 psi. 8-5/8" - 0 ps		s.7 ppg polym	ner pill down tu	oing. Pump	Cu
	11:15	387 bbls 8	3.5 ppg KCI.	Shut down	n. Tubing pressu	re 0 psi. 8-5/8" - 0 ps r well head casing va	SI.	s. r ppg polym	ner pill down tu	bing, Pump	Cu
8:30 11:15		387 bbls 8 Well 25: 1 Lunch.	3.5 ppg KCI.	Shut down	n. Tubing pressu in handle on oute	re 0 psi. 8-5/8" - 0 ps r well head casing va	si. Ilve,				Cu
8:30 11:15	11:45	387 bbls 8 Well 25; I Lunch. Well 25B;	3.5 ppg KCI Installed valve Tubing Pres	Shut down e extensions ssure - 0 p	n. Tubing pressu in handle on oute si. 8-5/8" - 0 psi.	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W	si. Ilve. ell 25 A: 2-7/8"				- Gu
8:30 11:15 11:45 12:30	11:45 12:30 12:45	387 bbls 8 Well 25: 1 Lunch. Well 25B: 13-3/8" - 0	3.5 ppg KCI. Installed valve Tubing Pres	Shut down e extension ssure - 0 po 5: 2-7/8" -	n. Tubing pressui in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W psi. 11-3/4" - 679 p	si. ulve. ell 25 A: 2-7/8" si.	- 1,000 psi.	8-5/8" - 140 ps	sí.	
8:30 11:15 11:45 12:30	11:45 12:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - 0 Prepared	3.5 ppg KCI. Installed valve Tubing Pres Opsi. Well 25 location for ce	Shut down e extension ssure - 0 po 5: 2-7/8" - colled tubin	n. Tubing pressui in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 g equipment. Me	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45	11:45 12:30 12:45 14:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - 0 Prepared is going to	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contraction for contracti	Shut down e extension ssure - 0 po 5: 2-7/8" - colled tubin 2 x 1502 c	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for rel	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45	11:45 12:30 12:45 14:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - 0 Prepared is going to Moved in a	3.5 ppg KCI. Installed valve Tubing Pres Opsi. Well 25 location for co of fabricate 60; and rigged up	Shut down be extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - 0 Prepared is going to Moved in a	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down be extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down be extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down be extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 ig equipment. Me cross overs for ret ine. Coiled tubing	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ l psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00	11:45 12:30 12:45 14:30 16:00 16:30	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - O Prepared is going to Moved in Attended	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contribution of the day and rigged up	Shut down re extension ssure - 0 po 5: 2-7/8" - coiled tubin 2 x 1502 o p 110T cra	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 g equipment. Me cross overs for ret ine. Coiled tubing.	re 0 psi. 8-5/8" - 0 ps r well head casing va 13-3/8" - 42 psi. W/ psi. 11-3/4" - 679 p et with Halliburton and turn lines. Rigged do	si. ulve. ell 25 A: 2-7/8" si. d Onyx. Discus own and moved	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00 16:30	11:45 12:30 12:45 14:30 16:00 16:30 17:00	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - 0 Prepared is going to Moved in a Attended of Traveled t	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contracte 60: and rigged upend of the day to hotel.	Shut down e extension ssure - 0 pt 5: 2-7/8" - coiled tubin 2 x 1502 c p 110T cra ay meeting.	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 g equipment. Me cross overs for ret ine. Coiled tubing.	re 0 psi. 8-5/8" - 0 psi r well head casing va 13-3/8" - 42 psi. Wi psi. 11-3/4" - 679 p at with Halliburton and turn lines. Rigged do g reel arrived at Aliso	si. ulve, ell 25 A: 2-7/8" si. d Onyx. Discus own and moved o Canyon Storag	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
8:30 11:15 11:45 12:30 12:45 14:30 16:00 16:30	11:45 12:30 12:45 14:30 16:00 16:30 17:00	387 bbls 8 Well 25: I Lunch. Well 25B: 13-3/8" - 0 Prepared is going to Moved in a Attended of Traveled t	3.5 ppg KCI. Installed valve Tubing Pres Dipsi. Well 25 location for contracte 60: and rigged upend of the day to hotel.	Shut down e extension ssure - 0 pt 5: 2-7/8" - coiled tubin 2 x 1502 c p 110T cra ay meeting.	n. Tubing pressul in handle on oute si. 8-5/8" - 0 psi. Shut in. 7" - 694 g equipment. Me cross overs for ret ine. Coiled tubing.	re 0 psi. 8-5/8" - 0 psi r well head casing va 13-3/8" - 42 psi. Well psi. 11-3/4" - 679 psi with Halliburton and turn lines. Rigged dog reel arrived at Aliso psi	si. ulve, ell 25 A: 2-7/8" si. d Onyx. Discus own and moved o Canyon Storag	- 1,000 psi.	8-5/8" - 140 ps quirements for	sí.	
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			2-Nov-2015			Well Name	and Number:	Standard Sens		Report#
	Custon	ner Name:	Southern Cal			4	County:		Los Angeles	
Custom	er Billing	Address:	12801 Tampa		328	1	State:		California	
		AFE#:	Northridge, C	A, 91326		W	Country: /ell Location:	AlicaCa	USA Inyon Storage	o Encility
Custon	ner Repre	sentative:				VV	Well Type:	Aliso Ca	Gas	eracility
			Danny Walze	9			Job Type:		Well Control	
			Standard Ser				Rig No:		N/A	
De	escription	of Charge	es: L	Level	Com	ments	Units	Unit (	Charge	Total
Sr.	Well Cor	ntrol Specia	alist	4	Danny	Clayton	1			
		ol Specialis		4		Kopecky	1			
Sr		ntrol Engine	eer	4		Walzel	1			
-	and the second second second second	pecialist aily Expens		4		Baggett / J.K. / M.B.	4			
		otel				/ J.K. / M.B.	4			
	1.4	O.C.I			D.O.1 D. 11.	7 0.13. 7 101.0.	7			
	Rent	al Car					1			
	Rent	al Car					1			
								-11		
						mated Daily Total				
	0	There's the	de Value en de	2.7.00.		Vell Summary				
					al fissures on pa	ad site. 45 ft. 2-7/8" tubing	n to 8 510 ft Doo	ver denth 9 460 f	+	
	Hour	l cas	3119 to 6,565 T	. J-1/2 SIOI	ued liner to 8,72	Activity		nei uepiii 0,400 I	**	
Hour 6:30	7:15	Travalad	from hotel to lo	ocation		Activity	on alle			
7:15	7:15				Performed site	e assessment. We	ell 25: 2-7/8" - Ch	ut in 7" - 686 no	11-3/4" - 6	63 nei
7:45	10:45				the state of the s	nifold. Installed pa	AND ADDRESS OF THE PARTY OF THE	acii. 7 - 000 ps	. 11-5/-	oo pai.
10:45	12:00		and spotted 1			Parison Parison				
				1.0 Conca la	bing reel.					
12:00	13:15	Offloaded	l cab and injec	ctor. Well 25	: 2-7/8" - Shut	in. 7" - 682 psi.	11-3/4" - 638 psi.			
13:15	13:15 14:30	Offloaded Offloaded	l cab and inject l coiled tubing	ctor. Well 25 power pack,	: 2-7/8" - Shut hydraulic tank,	and stripper.				
13:15 14:30	13:15 14:30 15:45	Offloaded Offloaded	I cab and inject I coiled tubing I coiled tubing	power pack, BOP stack,	: 2-7/8" - Shut hydraulic tank, goose neck, ge	and stripper . nerator, and two h	nose baskets.			
13:15	13:15 14:30	Offloaded Offloaded Offloaded (16:10) V	I cab and inject I coiled tubing I coiled tubing Vell 25: 11-3/4	ctor. Well 25 power pack, BOP stack, ( 4" pressure d	: 2-7/8" - Shut hydraulic tank, goose neck, ge	and stripper.	nose baskets.		se and hose t	oaskets.
	13:15 14:30 15:45 17:00	Offloaded Offloaded Offloaded (16:10) V Moved ma	I cab and inject I coiled tubing I coiled tubing Vell 25: 11-3/4 an lift to pad 2:	ctor. Well 25 power pack, BOP stack, 4" pressure c 5.	: 2-7/8" - Shut hydraulic tank, goose neck, ge	and stripper . nerator, and two h	nose baskets.		se and hose t	oaskets.
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13:15 14:30 15:45 17:00 17:30	13:15 14:30 15:45 17:00 17:30 18:00	Offloaded Offloaded Offloaded (16:10) V Moved ma Attended Traveled	I cab and inject coiled tubing I coiled	power pack, BOP stack, 4" pressure c 5. y meeting,	e: 2-7/8" - Shut hydraulic tank, goose neck, ge decreased to 28	and stripper . nerator, and two h	nose baskets. led to 659 psi. Of		se and hose t	paskets.
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						FORTS & COOTS						
	1,000		3-Nov-2015		*******	We	ell Name and N	umber:	Standard Sens		Report #	1
	Custon	ner Name:	Southern Cal				C	ounty:		Los Angel		
Custom	er Billing	Address:	12801 Tampa				-	State:		California	3	
		AFE #:	Northridge, C	JA, 9132	.0		Well Lo	cation:	Alisa Ca	nyon Stora	age Facili	tu
Custom	ner Repre	sentative:						l Type:	7 1100 00	Gas	age r aciii	• 9
			Darny Walze	el				Type:		Well Cont	rol	
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		of Charge		Level		Comments		Units	Unit (	Charge		Total
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tandard :	Senson 26	has hmar	hed to surfac	e with se	veral fissures	100 100 100 100						
the second second		and the second second	the first the second second second				7/8" tubing to 8,5	10 ft. Pack	er depth 8,468 f	t.		
Hour	Hour						Activity on Site					
5:45	6:00	Traveled 1	from hotel to l	location.								
6:00	6:30						re 100%. LEL le	evels 25 ft f	rom well 25 were	14%.		
			2-7/8" shut in.			599 psi.						
6:30	7:00		morning safet									
7:00		LOOK LEL	readinds arou	und well /	THE PARTY OF THE P		- ADDRE LELL					
7:15							e 100%. LEL le				line	
7:15	12:00	Spotted co	oiled tubing co	ontrol cab			e 100%. LEL le an rigging up. Ir				line.	
7:15		Spotted co		ontrol cab							line.	
	12:00	Spotted co Spotted H Lunch.	olled tubing co IT400 pump tr	ontrol cab ruck.	, reel, and ge	nerator. Bega	an rigging up. Ir	nstalled line	from tubing head	d to choke		CO
12:00	12:30	Spotted of Spotted H Lunch. Continued	oiled tubing co 1T400 pump tr d rigging up co	ontrol cab ruck. oiled tubin	, reel, and ge	nerator, Bega ) Well 25: 2	an rigging up. Ir 2-7/8" - Shut in.	nstalled line 7' - 645 psi	from tubing hear 11-3/4" - 623 p	d to choke si. Spotte	d MI/Swa	CO
12:00	12:30	Spotted or Spotted H Lunch. Continued choke par	olled tubing co IT400 pump tr d rigging up co nel. Rigged u	ontrol cab ruck. oiled tubin ip and fun	, reel, and ge g unit. (13:00 ction tested.	nerator, Bega ) Well 25: 2 Function tests	an rigging up. Ir	nstalled line 7' - 645 psi. ed up 4-1/1	from tubing hear 11-3/4" - 623 p 6" 10M riser. Ni	d to choke si. Spotte ppled up B	d MI/Swa	co
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12:00 12:30 17:00 17:30 17:30	12:00 12:30 17:00 17:30 18:00 Pressure 1	Spotted or Spotted H Lunch. Continued choke par Installed k Attended traveled to the spotter of	oiled tubing co	ontrol cab ruck.  piled tubin p and fun ssed coile y meeting  rates. Kill  sentative	g unit. (13:00 ction tested. d tubing and i. Will pull tes	Projected Op	perations  Print Na Danny W	mstalled line 7" - 645 psi. ed up 4-1/1 if 490 bbls orning.	from tubing hear 11-3/4" - 623 p 6" 10M riser. Ni f 10.8 ppg CaCl	d to choke si. Spotte ppled up B 2 to locatio	d MI/Swa iOP's. n. Date	
12:00 12:30 17:00 17:30 17:30 Full test.	12:00  12:30 17:00  17:30 18:00  Pressure 1  Signature E  mployee Na Danny Clayto	Spotted or Spotted H Lunch. Continued choke par Installed k Attended traveled to the spotter of	oiled tubing co	ontrol cab ruck.  piled tubin p and fun ssed coile y meeting  rates. Kill  sentative	y reel, and ge g unit. (13:00 ction tested. d tubing and i . Will pull tes well 25.	Projected Op	perations  Print Na Danny W	mstalled line 7" - 645 psi. ed up 4-1/1 if 490 bbls orning.	from tubing hear 11-3/4" - 623 p 6" 10M riser. Ni f 10.8 ppg CaCl	d to choke si. Spotte ppled up B 2 to locatio	d MI/Swa iOP's. n. Date	
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						DOTE & COOTS SERVICES				
		Date:	4-Nov-2015	7.1		-	and Number:	Standard Sens	on 25	Report #
	Custor		Southern Call	ifornia Gas	Company		County:	The state of the s	Los Angele	S
Custom	er Billing	Address:	12801 Tampa				State:		California	
23.34	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Nonhridge, C	A, 91326			Country:	AV	USA	- m-
Cueton	nor Popro	AFE #:				W	Vell Location: Well Type:	Aliso Ca	nyon Storag	ge Facility
			Darny Walze	4		+	Job Type:		Well Contro	
Re			Standard Ser				Rig No:		N/A	/
De		of Charge		evel	Cor	nments	Units	Unit 0	Charge	Total
		ntrol Specia		4		y Clayton	1		, g -	
		ol Specialis		4		s Kopecky	Y	9		
Sr	. Well Co	ntrol Engine	per	4	Dann	ny Walzel	3			
		pecialist		4		Baggett Baggett	1			
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	-20-00	tal Car					1			
	2.150.1									
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					Es	timated Daily Tota				
						Well Summary				
					eral fissures on p					
		0 ft. 7" cas	sing to 8,585 ff	t. 5-1/2" s	lotted liner to 8,7	745 ft. 2-7/8" tubing		ker depth 8,468 f	t.	
Hour	Hour					Activity	on Site			
5:45	6:00	2.00	from hotel to lo		arth man	140/11=1			The Park of the Control of the Contr	
6:00	6:30	-		nent. LEL	at VVell 25 cellar	r - 44%. LEL 25 ft fr	om well 25 D - 59	6. 2-7/8" - Shut	in. 7" - 512	psi
6:30	7:00	11-3/4" -	morning safety	Vaneration	s manting					
7:00	8:15		d coil tubing wi							
8:15	9:00		tubing with 19							
9:00	13:00									
				10000016 to	sting operations	. Tested reel to 30	0/8,000 psi for 10	minutes each tes	st. Test god	od.
			k. Trouble sh	oot leak in	kill line. Tested	d choke line to 300/	4,000 psi 5 minut	es/test. Change	out two lo-to	orq valves.
		Continued	k. Trouble sh f pressure test	oot leak in ting choke	kill line. Tested line. Observed		4,000 psi 5 minut	es/test. Change	out two lo-to	orq valves.
42:00	14.00	Continued BSR's to 3	ok. Trouble sh d pressure test 300 psi low/4,0	ioot leak in ting choke 000 psi hig	kill line. Tested	d choke line to 300/	4,000 psi 5 minut	es/test. Change	out two lo-to	orq valves.
	14:00	BSR's to 3	ok. Trouble sh d pressure test 300 psi low/4,0 wash assembl	oot leak in ting choke 000 psi hìg y BHA.	kill line. Tested line. Observed h. Tests good.	d choke line to 300/ leak from adapter f	4,000 psi 5 minut lange on choke n	es/test Change nanifold Tighten	out two lo-to ed flange.	orq valves. Tested both
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14:00 17:30 18:00	17:30 18:00 18:15	Continued BSR's to 3 Made up v Stabbed ii high. Troi Attended Traveled t	ck. Trouble shift pressure test 300 psi low/4,0 wash assembly njector. Teste uble shoot lear end of the day to hotel.	oot leak in ting choke 200 psi hig y BHA. Id BOP's to k in choke meeting.	kill line. Tested line. Observed h. Tests good. o 300 psi low an manifold. Secu	d choke line to 300/ leak from adapter f d 4,000 psi high. To gred well for the night of the night	4,000 psi 5 minut lange on choke n ested choke man nt. Well 25. Tbg	es/test Change nanifold. Tighten ifold valves to 30	out two lo-to ed flange.  O psi low an	orq valves. Tested both d 4,000 psi
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14:00 17:30 18:00 omplete	17:30 18:00 18:15 pressure Signature E	Continued BSR's to 3 Made up v Stabbed in high. Troi Attended Traveled t  testing. Wa	ck. Trouble shift pressure test 300 psi low/4,0 wash assembly njector. Teste uble shoot leadend of the day to hotel.  The shift pressure that the shoot leadend of the day to hotel.  The shift pressure that the shift pressu	poot leak in ting choke 200 psi hig y BHA. Id BOP's to k in choke y meeting.	kill line. Tested line. Observed h. Tests good. o 300 psi low an manifold. Secu	d choke line to 300/ leak from adapter f d 4,000 psi high. To gred well for the night fjected Operations  Approvals  Pr	4,000 psi 5 minut lange on choke n ested choke man it. Well 25: Tbg	es/test. Change nanifold. Tightend ifold valves to 30 - Shut in: 7" - 52	out two lo-tred flange.  O psi low an 3 psi. 11-3	Date
14:00 17:30 18:00 Dimplete	17:30 18:00 18:15  pressure Signatu gnature E	Continued BSR's to 3 Made up v Stabbed in high. Troi Attended Traveled t  testing. Was  testing. Was  are Custom  Boots and i	ck. Trouble shift pressure test 300 psi low/4,0 wash assembly njector. Teste uble shoot leadend of the day to hotel.  The contract of the day to hotel.  The contract of the day to hotel.  The contract of the day to hotel.	poot leak in ting choke 200 psi hig y BHA. Id BOP's to k in choke y meeting.	kill line. Tested line. Observed h. Tests good. b. Tests good. b. 300 psi low an manifold. Security of the sec	d choke line to 300/ leak from adapter f d 4,000 psi high. To gred well for the night fjected Operations  Approvals  Pr	4,000 psi 5 minut lange on choke n ested choke man it. Well 25: Tbg	es/test. Change nanifold. Tightend ifold valves to 30 - Shut in: 7" - 52	out two lo-tred flange.  O psi low an 3 psi. 11-3	Date
14:00 17:30 18:00 Dimplete	17:30 18:00 18:15 pressure Signatu gnature E	Continued BSR's to 3 Made up v Stabbed ii high. Troi Attended t Traveled t testing. Water Boots and ii	ck. Trouble shift pressure test 300 psi low/4,0 wash assembly njector. Teste uble shoot lead end of the day to hotel.  Coots Represent Coots Represent Hours on Local 11,5	poot leak in ting choke 200 psi hig y BHA. Id BOP's to k in choke y meeting.	Pro  Travel Hours 0.75	d choke line to 300/ leak from adapter f d 4,000 psi high. To gred well for the night fjected Operations  Approvals  Pr	4,000 psi 5 minut lange on choke n ested choke man it. Well 25: Tbg	es/test. Change nanifold. Tightend ifold valves to 30 - Shut in: 7" - 52	out two lo-tred flange.  O psi low an 3 psi. 11-3	Date
14:00 17:30 18:00 Dimplete	17:30 18:00 18:15  pressure Signature Employee Nationally Walz	Continued BSR's to 3 Made up v Stabbed ii high. Troi Attended t Traveled t  testing. Wa  testing. Wa  are Gustorn  Boots and t  are  bn el  **y	ck. Trouble shift pressure test 300 psi low/4,0 wash assembly njector. Teste uble shoot leadend of the day to hotel.  Coots Represent Coots Represent 11,5 11,5	poot leak in ting choke 200 psi hig y BHA. Id BOP's to k in choke y meeting.	Pro  Travel Hours  0.75  0.75  0.75	d choke line to 300/ leak from adapter f d 4,000 psi high. To gred well for the night fjected Operations  Approvals  Pr	4,000 psi 5 minut lange on choke n ested choke man it. Well 25: Tbg	es/test. Change nanifold. Tightend ifold valves to 30 - Shut in: 7" - 52	out two lo-tred flange.  O psi low an 3 psi. 11-3	Date



						POOTS & COOTS SERVE					
			5-Nov-2015			Well N	Name and Number:	Standa	ard Senson 25	Report #	1
	Custon	ner Name:	Southern Cal				County:		Los Ang		
Custom	er Billing	Address:	12801 Tampa Northridge, C				State: Country:		Califor		
		AFE #:		M, 3102	.0		Well Location:		Aliso Canyon Sto		
Custon	ner Repre	sentative:					Well Type:		Gas		
Re	port Gen	erated By:	Danny Walze	el			Job Type:		Well Co	ntrol	
	Leas	e - Well #:	Standard Ser	nson 25			Rig No:		N/A	6	
		of Charge		Level		Comments	Un	its	Unit Charge	To	otal
		ntrol Specia	7*****	4		inny Clayton					
		ol Specialis		4		nes Kopecky anny Walzel					
31	A	pecialist	Jei I	4		ike Baggett					
C		ally Expens	e			D.W. / J.K. / M.B.					
		otel				.W. / J.K. / M.B		E = 1			
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	-10	al Car						-			
	Rent	tal Car									
-			-								
			-								
						Estimated Daily	y Total				
						Well Summa					
tandard :	Senson 2	5 has broad	hed to surfac	e with sev	veral fissures						
1-3/4" ca	sing to 99	00 ft. 7" cas	sing to 8,585 f	ft. 5-1/2"	slotted liner to	8,745 ft. 2-7/8"	tubing to 8,510 ft. F	acker depti	n 8,468 ft.		
Hour	Hour					Act	tivity on Site				
5:45	6:00	11361	from hotel to le	- The state of the							
6:00	6:30	1		nent. LEI	at Well 25 ce	llar - 25%. LEL	25 ft from well 25 0	6% 2-7/	8" - Shut in: 7" -	551 psi.	
6:30	7:00	11-3/4" -		N/mara E.	one monting						
			morning safet							24	
7:00	7.30					antique trauble s	hooting chake mani-	old and rete	est coil tubing BO	D'c	
7:00	7:30 8:00					ontinue trouble s	shooting choke mani	old and rete	est coil tubing BC	P's	
7:00 7:30 8:00	7:30 8:00 11:15	Greased v	valve #2 on ch	hoke mani	ifold.					)P's	
7:30	8:00	Greased V	valve #2 on ch tested choke i	hoke mani manifold v	ifold. valves to 300	osi low and 4,000	shooting choke mani O psi high. Valve #2 Changed out valve	did not test		)P's	
7:30 8:00	8:00 11:15	Pressure Pressure Shell teste	valve #2 on ch tested choke i tested lower B ed choke man	hoke mani manifold v BSR's to 3 nifold to 30	ifold. valves to 300   800 psi low and	osi low and 4,000 I 4,000 psi high.	0 psi high. Valve#2	did not test #2.			ı.
7:30 8:00 11:15 13:30	8:00 11:15 13:30 15:00	Pressure Pressure Shell teste Test good	valve #2 on ch tested choke i tested lower B ed choke man I. 11-3/4" - 51	hoke mani manifold v BSR's to 3 nifold to 30 15 psi.	ifold. valves to 300 800 psi low and 00 psi low and	osi low and 4,000 I 4,000 psi high. 4,000 psi high.	0 psi high. Valve #2 Changed out valve Test good. Tested v	did not test #2. ralve #2 to 3	300 psi low and 4	,000 psi high	
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7:30 8:00 11:15 13:30	8:00 11:15 13:30 15:00	Pressure Pressure Shell teste Test good Made up v good. Test	valve #2 on ch tested choke in tested lower B ed choke man I. 11-3/4" - 51 wash assembl sted stripper to	manifold v BSR's to 3 hifold to 30 15 psi. ly BHA, S	ifold. valves to 300 p 300 psi low and 00 psi low and Stabbed injecte	osi low and 4,000 I 4,000 psi high. 4,000 psi high. or. Tested lower	0 psi high. Valve #2 Changed out valve Test good. Tested v	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
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7:30 8:00 11:15 13:30	8:00 11:15 13:30 15:00	Pressure Pressure Shell teste Test good Made up v good. Test	valve #2 on ch tested choke in tested lower B ed choke man I. 11-3/4" - 51 wash assembl sted stripper to	manifold v BSR's to 3 hifold to 30 15 psi. ly BHA, S	ifold. valves to 300 p 300 psi low and 00 psi low and Stabbed injecte	osi low and 4,000 I 4,000 psi high. 4,000 psi high. or. Tested lower	0 psi high. Valve #2 Changed out valve Test good. Tested v	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
7:30 8:00 11:15 13:30	8:00 11:15 13:30 15:00	Pressure Pressure Shell teste Test good Made up v good. Test	valve #2 on ch tested choke in tested lower B ed choke man I. 11-3/4" - 51 wash assembl sted stripper to	manifold v BSR's to 3 hifold to 30 15 psi. ly BHA, S	ifold. valves to 300 p 300 psi low and 00 psi low and Stabbed injecte	osi low and 4,000 I 4,000 psi high. 4,000 psi high. or. Tested lower	0 psi high. Valve #2 Changed out valve Test good. Tested v	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
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7:30 8:00 11:15 13:30	8:00 11:15 13:30 15:00	Pressure Pressure Shell teste Test good Made up v good. Test	valve #2 on ch tested choke in tested lower B ed choke man I. 11-3/4" - 51 wash assembl sted stripper to	manifold v BSR's to 3 hifold to 30 15 psi. ly BHA, S	ifold. valves to 300 p 300 psi low and 00 psi low and Stabbed injecte	osi low and 4,000 I 4,000 psi high. 4,000 psi high. or. Tested lower	0 psi high. Valve #2 Changed out valve Test good. Tested v	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
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7:30 8:00 11:15 13:30 15:00	8:00 11:15 13:30 15:00 18:00	Greased v Pressure Pressure Shell teste Test good Made up v good. Te Traveled t	valve #2 on ch tested choke in tested lower B ed choke man I. 11-3/4" - 51 wash assembl sted stripper to	hoke mani manifold v 3SR's to 3 nifold to 30 15 psi. ly BHA, S to 300 psi	ifold. valves to 300 psi low and 20 psi low and 35tabbed injecte low and 4,000	osi low and 4,000 I 4,000 psi high. 4,000 psi high. or. Tested lower	0 psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
7:30 8:00 11:15 13:30 15:00	8:00 11:15 13:30 15:00 18:00	Greased v Pressure Pressure Shell teste Test good Made up v good. Te Traveled t	valve #2 on ch tested choke in tested lower Be ed choke man I. 11-3/4" - 51 wash assemble sted stripper to to hotel.	hoke mani manifold v 3SR's to 3 nifold to 30 15 psi. ly BHA, S to 300 psi	ifold. valves to 300 psi low and 00 psi low and stabbed injecte low and 4,000	esi low and 4,000 14,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	0 psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
7:30 8:00 11:15 13:30 15:00	8:00 11:15 13:30 15:00 18:00	Greased v Pressure Pressure Shell teste Test good Made up v good. Te Traveled t	valve #2 on ch tested choke in tested lower Be ed choke man I. 11-3/4" - 51 wash assemble sted stripper to to hotel.	hoke mani manifold v 3SR's to 3 nifold to 30 15 psi. ly BHA, S to 300 psi	ifold. valves to 300 psi low and 00 psi low and stabbed injecte low and 4,000	esi low and 4,000 14,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	0 psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
7:30 8:00 11:15 13:30 15:00	8:00 11:15 13:30 15:00 18:00 18:30	Greased v Pressure Pressure Shell teste Test good Made up v good. Te Traveled to	valve #2 on ch tested choke in tested lower Be ed choke man I. 11-3/4" - 51 wash assemble sted stripper to to hotel.	noke mani manifold v 3SR's to 3 nifold to 30 15 psi. ly BHA, S to 300 psi	ifold. valves to 300 psi low and 00 psi low and stabbed injecte low and 4,000	psi low and 4,000 psi high. 4,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	0 psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje	did not test #2. alve #2 to 3 s to 300 psi	300 psi low and 4	,000 psi high si high. Tests	
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7:30 8:00 11:15 13:30 15:00 18:00	8:00 11:15 13:30 15:00 18:00 18:30 pressure	Greased of Pressure Pressure Shell tested of Greased of	valve #2 on ch tested choke in tested lower Beed choke man I. 11-3/4" - 51 wash assemble sted stripper to to hotel.	noke manimanifold viss R's to 3 nifold to 30 l5 psi. Ily BHA. Sto 300 psi nydrates.	ifold. valves to 300 psi low and 20 psi low and 4,000 low	psi low and 4,000 psi high. 4,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	O psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje ations  Print Name Panny Walzel	did not test #2. alve #2 to 3 s to 300 psi ctor and sto	300 psi low and 4	,000 psi high si high. Tests ed well.  Date  Date	S
7:30 8:00 11:15 13:30 15:00 18:00	8:00 11:15 13:30 15:00 18:00 18:30 pressure Signature E	Greased of Pressure Pressure Shell tested of Made up of Good. Test	valve #2 on ch tested choke in tested lower Beed choke man I. 11-3/4" - 51 wash assemble sted stripper to to hotel.	noke manimanifold viss R's to 3 nifold to 30 l5 psi. Ily BHA. Sto 300 psi nydrates.	ifold. valves to 300 psi low and 20 psi low and 4,000 low and 4,000 low and 4,000 low and 4,000 low and 25.	psi low and 4,000 psi high. 4,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	O psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje ations Print Name Print Name	did not test #2. alve #2 to 3 s to 300 psi ctor and sto	300 psi low and 4 flow and 4,000 psi low and 4,000 psi low and 4,000 psi low and 4,000 psi low and back. Secure	,000 psi high si high. Tests ed well.  Date  Date	
7:30 8:00 11:15 13:30 15:00 18:00	8:00 11:15 13:30 15:00 18:00 18:30 pressure	Greased of Pressure Pressure Shell tested of Made up of Good. Test Traveled of Traveled of Traveled of Goods and Goo	valve #2 on chitested choke in tested lower Beed choke mand. 11-3/4" - 51 wash assemblisted stripper to hotel.  Coots Representation of the co	noke manimanifold viss R's to 3 nifold to 30 l5 psi. Ily BHA. Sto 300 psi nydrates.	ifold. valves to 300 psi low and 20 psi low and 4,000 low	psi low and 4,000 psi high. 4,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	O psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje ations  Print Name Panny Walzel	did not test #2. alve #2 to 3 s to 300 psi ctor and sto	300 psi low and 4 flow and 4,000 psi low and 4,000 psi low and 4,000 psi low and 4,000 psi low and back. Secure	,000 psi high si high. Tests ed well.  Date  Date	S
7:30 8:00 11:15 13:30 15:00 18:00	8:00 11:15 13:30 15:00 18:00 18:30  18:30  pressure  Signature E  mployee Na Danny Clayto	Greased of Pressure Pressure Shell tested of Made up of good. Test Traveled of	valve #2 on ch tested choke in tested lower B ed choke man i. 11-3/4" - 51 wash assemble sted stripper to to hotel.  Coots Represent Hours on Loues 12	noke manimanifold viss R's to 3 nifold to 30 l5 psi. Ily BHA. Sto 300 psi nydrates.	ifold. valves to 300 psi low and 20 psi low and 35tabbed injecte low and 4,000 psi l	psi low and 4,000 psi high. 4,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	O psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje ations  Print Name Panny Walzel	did not test #2. alve #2 to 3 s to 300 psi ctor and sto	300 psi low and 4 flow and 4,000 psi low and 4,000 psi low and 4,000 psi low and 4,000 psi low and back. Secure	,000 psi high si high. Tests ed well.  Date  Date	S
7:30 8:00 11:15 13:30 15:00 18:00	8:00 11:15 13:30 15:00 18:00 18:30 18:30 pressure Signature Employee National College States Col	Greased of Pressure Pressure Shell tested of Made up of good. Test Traveled of	valve #2 on ch tested choke in tested lower B ed choke man i. 11-3/4" - 51 wash assemble sted stripper to to hotel.  Coots Represent Hours on Lo 12 12	noke manimanifold viss R's to 3 nifold to 30 l5 psi. Ily BHA. Sto 300 psi nydrates.	ifold. valves to 300 psi low and 20 psi low and 4,000 low	psi low and 4,000 psi high. 4,000 psi high. 4,000 psi high. or. Tested lower psi high. Test g	O psi high. Valve #2 Changed out valve Test good. Tested v r and upper pipe ram good. Removed inje ations  Print Name Panny Walzel	did not test #2. alve #2 to 3 s to 300 psi ctor and sto	300 psi low and 4 flow and 4,000 psi low and 4,000 psi low and 4,000 psi low and 4,000 psi low and back. Secure	,000 psi high si high. Tests ed well.  Date  Date	S



						E & COOTS EDIVINE			
			6-Nov-2015			Well Name an	200	Standard Senson 25	Report #
	Custon	ner Name:	Southern Calif	F. HELION SERVICE PROPERTY			County: State:	Los Ange Californ	
Custom	ner Billing	Address:	Northridge, CA	Ave., SC 932 A 91326	.0		Country:	USA	Iq
		AFE #:	Norminago, Or	1, 01020		Wel	Location:	Aliso Canyon Stor	age Facility
		sentative:					Well Type:	Gas	, , , , , , , , , , , , , , , , , , , ,
Re			Danny Walzel				Job Type:	Well Con	trol
			Standard Sens				Rig No:	N/A	
		of Charge		evel	Comr		Units	Unit Charge	Total
		ntrol Specialis		4	James F	Clayton	1		
		ntrol Engine		4		Walzel	1		
		pecialist		4		Baggett	1		
(	General Da	aily Expens	е		D.C./ D.W.		4		
	H	otel			D.C./ D.W.	/ J.K. / M.B.	4		
	Dani	al Car					1		
	- 20-00	tal Car		-			1 1	_	
	14011	idi dai					1		
			7 -						
						mated Daily Total			
					W	eli Summary			
		the second second second	hed to surface		and the second second second				
		0 ft. 7" cas	sing to 8,585 ft	5-1/2" slotte	d liner to 8,74	5 ft. 2-7/8" tubing to		er depth 8,468 ft.	
Hour	Hour			1.4		Activity on	Site		
5:45 6:00	6:00	3.10.0	from hotel to lo		fall 2E salles	449/ JEL 2555	mumil at an	2-7/8" - Shut in 7" - 560	nei
0,00	530	11-3/4" -		ent. LEL at V	reli za cellar -	94%. LEL 25 II 1101	III Well 23 U%.	2-1/0 - ONUT IN: / - 560	pst.
6:30	7:00		morning safety	operations m	eeting.				
7:00	8:30					ssembly BHA. Stab	bed injector. Te	sted stripper and outside	Rotac valve to
								Test good. Broke circul	
			Maintained 2,			choke.	7		00-1-20-
8:30	9:00		drill with esser						
9:00	10:00							bbls 10.8 ppg CaCl2. 00 psi. Began washing d	our at 3/4 ham
10.00	16.00							ed down to 53 ft. Pumpe	
								pressure. Waited 10 min	
					A CONTRACTOR OF THE PARTY OF TH		August 19 and the control of the con	ssure. Found bottom of	
								Jnable to maintain back p	
			experienced dr			hout returns Pulled	and tubing up in	to riser. Began pumping	
		tubing hea							
		-		bpm PP - 41 j	osi. At 4 bpm	PP - 120 psi. Cont		own tubing at 1 ppm wait	
16:00	17:30	pill.	ad outlet. At 2			PP - 120 psi, Cont	inued pumping d		ing on polymer
16:00	17:30	pill. Began pur	mping polymer	pill 4 bpm. P	ump pressure	PP - 120 psi. Cont 100 psi. Pumped t	inued pumping d total of 62 bbls.	Gas activity from fissures	ing on polymer increased.
16:00	17:30	pill. Began pui Observed	mping polymer polymer from	pill 4 bpm. P fissures aroun	ump pressure	PP - 120 psi. Cont 100 psi. Pumped t t down pumping ope	inued pumping d total of 62 bbls. erations. Tubing		ing on polymer increased. ed personnel.
	17:30	pill. Began pur Observed 11-3/4" - 6 decrease.	mping polymer polymer from 54 psi. 7" - 305 Shut in well.	pill 4 bpm. P fissures aroun psi. Flowed 7" - 262 psi.	ump pressure d cellar. Shul gas from 7" al 11-3/4" - 71 ps	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
16:00	17:30	pill. Began pur Observed 11-3/4" - 6 decrease. Attended	mping polymer polymer from 54 psi. 7" - 305 Shut in well. end of the day	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure nd cellar. Shut gas from 7" at 11-3/4" - 71 ps cussed runnin	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate	ing on polymer increased. ed personnel.
17:30	18:00	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure nd cellar. Shut gas from 7" at 11-3/4" - 71 ps cussed runnin	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
		pill. Began pur Observed 11-3/4" - 6 decrease. Attended	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure nd cellar. Shut gas from 7" at 11-3/4" - 71 ps cussed runnin	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30	18:00	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure nd cellar. Shut gas from 7" at 11-3/4" - 71 ps cussed runnin	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30	18:00	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure nd cellar. Shut gas from 7" at 11-3/4" - 71 ps cussed runnin	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30	18:00	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure id cellar. Shul gas from 7' ai 11-3/4' - 71 ps cussed runnin ut retums.	PP - 120 psi, Cont 2 100 psi, Pumped t t down pumping opend 11-3/4" annulus si,	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30	18:00	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure id cellar. Shul gas from 7' ai 11-3/4' - 71 ps cussed runnin ut retums.	PP - 120 psi. Cont e 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30 18:00	18:00	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P fissures aroun 5 psi. Flowed 7" - 262 psi. meeting. Disc	ump pressure id cellar. Shul gas from 7' ai 11-3/4' - 71 ps cussed runnin ut retums.	PP - 120 psi. Cont e 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30 18:00	18:00 18:15 5.	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a Traveled t	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. / meeting. Disc	ump pressure ad cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel. ppeared to
17:30 18:00	18:00 18:15 5.	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. / meeting. Disc	ump pressure ad cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel.
17:30 18:00	18:00 18:15 5.	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. / meeting. Disc	ump pressure ad cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel. ppeared to
17:30 18:00	18:00 18:15 5.	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a Traveled t	mping polymer polymer from \$4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls withou	ump pressure ad cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.	PP - 120 psi. Cont a 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. g caliper tool on slice acted Operations  Approvals  Prin	inued pumping d total of 62 bbls. erations. Tubing to open top tank.	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel. ppeared to
17:30 18:00	18:00 18:15 5.	pill. Began pui Observed 11-3/4" - 6 decrease. Attended 6 Pumped a Traveled t	mping polymer polymer from s4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls withou	ump pressure ad cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.	PP - 120 psi. Cont a 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. g caliper tool on slic cted Operations  Approvals  Prin	inued pumping d total of 62 bbls. erations. Tubing to open top tank. ck line to determi	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel. ppeared to  Date
17:30 18:00 ill well 2:	18:00 18:15 5. Signature E	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a Traveled t	mping polymer polymer from s4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls without ative	ump pressure ad cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic cted Operations  Approvals  Prin  Dann	total of 62 bbls. erations. Tubing to open top tank. ck line to determi	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a	ing on polymer increased. ed personnel. ppeared to  Date
17:30 18:00 Ill well 2:	18:00 18:15 5.	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a Traveled t	mping polymer polymer from S4 psi. 7" - 305 Shut in well end of the day approxiamtely 2 to hotel.	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls without ative	ump pressure id cellar. Shul gas from 7' ai 11-3/4'' - 71 ps cussed runnin ut returns.  Proje	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic cted Operations  Approvals  Prin  Dann	total of 62 bbls. crations. Tubing to open top tank. ck line to determine t Name t Name	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a ne restriction at 482 ft.	ing on polymer increased. ed personnel. ppeared to  Date
17:30 18:00 Ill well 2:	18:00 18:15 5. Signature E	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a Traveled t	mping polymer polymer from S4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.  Coots Representa	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls without ative	ump pressure id cellar. Shul gas from 7' ai 11-3/4'' - 71 ps cussed runnin ut returns.  Proje	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic cted Operations  Approvals  Prin  Dann	total of 62 bbls. crations. Tubing to open top tank. ck line to determine t Name t Name	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a ne restriction at 482 ft.	ing on polymer increased. ed personnel. ppeared to  Date
17:30 18:00 Ill well 2:	18:00 18:15 5. Signature Employee Na	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a Traveled t	mping polymer polymer from S4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.  Coots Representa Hours on Loca 12	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls without ative	ump pressure id cellar. Shul gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.  Proje  avel Hours 0.75	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic cted Operations  Approvals  Prin  Dann	total of 62 bbls. crations. Tubing to open top tank. ck line to determine t Name t Name	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a ne restriction at 482 ft.	ing on polymer increased. ed personnel. ppeared to  Date
17:30 18:00 Ill well 2:	18:00 18:15  Signature Employee National Danny Clayte Danny Walze	pill. Began pui Observed 11-3/4" - 6 decrease. Attended of Pumped a Traveled t	mping polymer polymer from S4 psi. 7" - 305 Shut in well. end of the day approxiamtely 2 to hotel.  Coots Representa Hours on Loc 12 12	pill 4 bpm. P. fissures aroun 5 psi. Flowed 7" - 262 psi. 'meeting. Disc 200 bbls without ative	ump pressure id cellar. Shui gas from 7" ai 11-3/4" - 71 ps cussed runnin ut returns.  Proje  avel Hours  0.75  0.75	PP - 120 psi. Cont 2 100 psi. Pumped t t down pumping ope nd 11-3/4" annulus si. ng caliper tool on slic cted Operations  Approvals  Prin  Dann	total of 62 bbls. crations. Tubing to open top tank. ck line to determine t Name t Name	Gas activity from fissures pressure 0 psi. Evacuate Activity from fissures a ne restriction at 482 ft.	ing on polymer increased. ed personnel. ppeared to  Date



						OTS & COOTS SERVICES				
		Date:	7-Nov-2015		-	-	and Number:	Standard Sens	on 25	Report # 1
	Custon		Southern Ca	alifornia Ga		0	County:		Los Angele	S
Custom	er Billing	Address:	12801 Tamp				State:		California	t.=
A			Northridge, 0	CA, 9132	6	10.	Country:	AF	USA	en English
Cueton	or Ponto	AFE #: sentative:		_		VV	/ell Location: Well Type:	Aliso Ca	nyon Storag	ge Facility
			Danny Walze	el		1	Job Type:		Well Contro	al.
ive			Standard Se			1	Rig No:		N/A	
De		of Charge		Level	Com	ments	Units	Unit (	Charge	Total
		ntrol Specia		4	Danny	Clayton	1			
		ol Specialis		4		Kopecky	Y			
Sr		ntrol Engine	er	4		y Walzel	7			
-		pecialist		4		Baggett	1			
		aily Expens otel	e	-		. / J.K. / M.B. . / J.K. / M.B.	4 4			
	+.0	OLGI			D.C./ D.W.	, 7 J.K. 7 WI.D.				
	Rent	al Car		- 1			1			
	Rent	al Car					1			
						imated Daily Total	Ú.			
11.00			1. 12	-52 10		Vell Summary				
					veral fissures on po		ta DEIOR R	bat double to see a		
		υπ. /" cas	sing to 8,585	n. 5-1/2"	slotted liner to 8,7	45 ft. 2-7/8" tubing		ker depth 8,468 f		
Hour	Hour	Travaled	from batal to	locatio-		Activity of	on one			
5:45	6:00		from hotel to		at Wall 25 caller	-54%. LEL 25 ft ft	rom well 25 400/	2-7/8" Q/0 n=1	7" 220	ei
5,00	550				equipment due LE		10(11 Well 23 49%)	2-1/0 - 940 psi.	1 - 229 p	ai.
6:30	7:00					bleeding off tubing	Discussed rem	ovina mushroom	from strippe	er to ria up
,,,,,,,	1,10,2	slickline.	merring spar	adono (iio	oling: Discussou	place in ig an reading	) Districted forth	Thig mushing the	noin ompp	i to itg up
7;00	8:45	100000000000000000000000000000000000000	auge on tubi	ing Tubin	a proceure 1 100 i					
_				ing. I dou	g pressure 1, 100	psi.				
8:45	9:30	Monitored								
8:45 9:30	9:30 10:00	Tubing pro	essure 1,146	psi. 7" - 2	228 psi. 11-3/4" - 5	59 psi. Bled tubing		ed gas and fluid.	Shut in. 7	' - 228 psi.
9:30	10:00	Tubing pri 11-3/4" - 5	essure 1,146 59 psi. After	psi. 7" - 2 10 minute	228 psi. 11-3/4" - 9 s tubing pressure i	59 psi. Bled tubing increased to 1,161	psi.			
		Tubing pro 11-3/4" - 5 Tubing pro	essure 1,146 59 psi. After essure 1,170	psi. 7" - 2 10 minute psi. 7" - 2	228 psi. 11-3/4" - ! s tubing pressure i 231 psi. 11-3/4" - !	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing	psi. to 1,070 psi. Bl			
9:30	10:00	Tubing pri 11-3/4" - 5 Tubing pri 11-3/4" - 6	essure 1,146 59 psi. After essure 1,170 50 psi. After	psi. 7" - 2 10 minute psi. 7" - 2 10 minute	228 psi. 11-3/4"- s tubing pressure i 231 psi. 11-3/4"- i s tubing pressure i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226	psi. g to 1,070 psi. Bl psi.			
9:30 10:00 10:30	10:00 10:30 11:00	Tubing pro 11-3/4" - 5 Tubing pro 11-3/4" - 6 Attempted	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluid	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. (	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w	psi. g to 1,070 psi. Bl psi. ell noise.	ed gas and fluid.	Shut in. 7	' - 231 psi
9:30 10:00 10:30	10:00	Tubing pm 11-3/4" - 5 Tubing pro 11-3/4" - 6 Attempted Start equi	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluid pment. Rem	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli broom from stippe	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to wr. Spotted slickline	psi. g to 1,070 psi. Bl i psi. ell noise. e unit and rigged	ed gas and fluid.	Shut in. 7	' - 231 psi
9:30 10:00 10:30 11:00	10:00 10:30 11:00	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equi 11-3/4" 60	essure 1,146 59 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45)	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( oved mus ) 2-7/8" - 1	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli broom from stippe	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w	psi. g to 1,070 psi. Bl i psi. ell noise. e unit and rigged	ed gas and fluid.	Shut in. 7	' - 231 psi
9:30 10:00 10:30 11:00	10:00 10:30 11:00 14:00	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up	essure 1,146 59 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M >	psi. 7" - 1 10 minute psi. 7" - 2 10 minute d levels. ( oved mus ) 2-7/8" - 1 x Bowen X	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to wr. Spotted slickline	psi. g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi.	ed gas and fluid. up. (11:45) 2-7/8	Shut in. 7'	' - 231 psi. . 7" - 222.
9:30 10:00 10:30 11:00	10:00 10:30 11:00 14:00	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r	psi. 7" - 1 10 minute psi. 7" - 2 10 minute d levels. ( oved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 Lover on stripper. bed lubricator. Te	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to wr. Spotted slickline psi. 11-3/4" - 60 p	psi. g to 1,070 psi. Bl g psi. g psi. ell noise. e unit and rigged psi. 800 psi low and 4.	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psi.	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up - Made up 2 valve with	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flith hroom from stippe ,407 psi. 7"-227 -over on stripper, bed lubricator. Te /ab valve and ran i	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. 800 psi low and 4, fluid level - 3,750	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
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9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 2 valve with out of the	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluir pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i 201 psi. 11-3/4"-! s tubing pressure i 20uld not detect fli hroom from stippe, 407 psi. 7"-227 (-over on stripper, bed lubricator. Te zab valve and ran i aid down lubricator	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged psi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 3 Valve with out of the Traveled I	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab Dened swed well. La	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te //ab valve and ran i aid down lubricator  Proj.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged psi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 3 Valve with out of the Traveled I	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab Dened swed well. La	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i 201 psi. 11-3/4"-! s tubing pressure i 20uld not detect fli hroom from stippe, 407 psi. 7"-227 (-over on stripper, bed lubricator. Te zab valve and ran i aid down lubricator	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged psi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 3 Valve with out of the Traveled I	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( loved mus ) 2-7/8" - 1 x Bowen X ring. Stab Dened swed well. La	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te //ab valve and ran i aid down lubricator  Proj.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to wir. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged psi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 9 Made up 1 valve with out of the Traveled I	essure 1,146 69 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M x 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( oved mus ) 2-7/8" - 1 x Bowen X ring. Stab Dpened sw ed well. La	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te //ab valve and ran i aid down lubricator  Proj.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to wir. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged ssi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	' - 231 psi 7" - 222.  Jualized swab 425 ft, Pulled
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 9 Made up 1 valve with out of the Traveled I	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7" - 2 10 minute psi. 7" - 2 10 minute d levels. ( oved mus ) 2-7/8" - 1 x Bowen X ring. Stab Dpened sw ed well. La	228 psi. 11-3/4"-! s tubing pressure i 231 psi. 11-3/4"-! s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te //ab valve and ran i aid down lubricator  Proj.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to wir. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged psi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi. . 7" - 222. ualized swab
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 7 Valve with out of the Traveled 1	essure 1,146 59 psi. After essure 1,170 50 psi. After I to shoot fluit pment. Remo 0 psi. (13:45) 4-1/16" 15M > 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7° -2 10 minute psi. 7° -2 10 minute d levels. ( loved mus ) 2-7/8° - 1 x Bowen X ring. Stab Opened swed well. La	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flit hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te /ab valve and ran i aid down lubricator  Proj. un tubing caliper.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psi. 11-3/4" - 60 psited lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 psi. 2-7	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi. B00 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	- 231 psi.  . 7" - 222.  Jualized swab 425 ft, Pulled
9:30 10:00 10:30 11:00 14:00 15:00	10:00 10:30 11:00 14:00 15:00 17:00	Tubing pn 11-3/4" - 5 Tubing pr 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up 4 Made up 7 Valve with out of the Traveled 1	essure 1,146 69 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M x 2.30" gauge r 1,250 psi. C hole. Secure to hotel.	psi. 7° -2 10 minute psi. 7° -2 10 minute d levels. ( loved mus ) 2-7/8° - 1 x Bowen X ring. Stab Opened swed well. La	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect flit hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te /ab valve and ran i aid down lubricator  Proj. un tubing caliper.	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi.  800 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid. up. (11:45) 2-7/8 000 psi high. Tes oft. Tagged nipp	Shut in. 7" " - 1296 psi	' - 231 psi 7" - 222.  Jualized swab 425 ft, Pulled
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9:30 10:00 10:30 11:00 14:00 15:00 17:00	10:00 10:30 11:00 14:00 15:00 17:00 17:30 Signature E	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equipment of the Traveled I  ing tool (Control Control Con	essure 1,146 69 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M x 2.30" gauge r 1,250 psi. C hole. Secure to hotel.  CL, Temp. Sp  eer Represer  Coots Repre	psi. 7° - 2 10 minute psi. 7° - 2 10 minute d levels. ( oved mus ) 2-7/8° - 1 x Bowen X ring. Stab Dened swed well. La	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 -over on stripper. bed lubricator. Te rab valve and ran i aid down lubricator  Proj un tubing caliper.  Travel Hours	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. Bl g psi. ell noise. e unit and rigged osi.  800 psi low and 4, fluid level - 3,750 i. 7" - 217 psi. 1	ed gas and fluid.  up. (11:45) 2-7/8  000 psi high. Tes  0ft. Tagged nipp  1-3/4" - 60 psi.	Shut in. 7" " - 1296 psi	- 231 psi.  . 7" - 222.  Jualized swab 425 ft, Pulled
9:30 10:00 10:30 11:00 14:00 15:00 17:00	10:00 10:30 11:00 14:00 15:00 17:00 17:30 Signature Employee Na	Tubing pm 11-3/4" - 5 Tubing pm 11-3/4" - 6 Attempted Start equip 11-3/4" 60 Made up a Made up a valve with out of the Traveled to the travele	essure 1,146 69 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M x 2.30" gauge r 1,250 psi. C hole. Secure to hotel.  CL, Temp. Sp  eer Represer  Coots Repre	psi. 7° - 2 10 minute psi. 7° - 2 10 minute d levels. ( oved mus ) 2-7/8° - 1 x Bowen X ring. Stab Dened swed well. La	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 ,-over on stripper, bed lubricator. Te //ab valve and ran i aid down lubricator  Proj. un tubing caliper.  Travel Hours  0.75	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. g to 1,070 psi. Bl g to 1,070	ed gas and fluid.  up. (11:45) 2-7/8  000 psi high. Tes  0ft. Tagged nipp  1-3/4" - 60 psi.	Shut in, 7	- 231 psi.  - 7" - 222.  Jualized swab 425 ft. Pulled  Date  Date
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9:30 10:00 10:30 11:00 14:00 15:00 17:00	10:00  10:30  11:00  14:00  15:00  17:00  17:30  Signature Enployee National Graph Walzames Kopec	Tubing pri 11-3/4" - 5 Tubing pri 11-3/4" - 6 Attempted Start equi 11-3/4" 60 Made up a Made up a Valve with out of the Traveled to  India tool (Colore Gustorn  Boots and to  me on el  ky	essure 1,146 69 psi. After essure 1,170 60 psi. After I to shoot fluit pment. Rem 0 psi. (13:45) 4-1/16" 15M x 2.30" gauge r 1,250 psi. C hole. Secure to hotel.  CL, Temp. Sp  eer Represer  Coots Repre	psi. 7° - 2 10 minute psi. 7° - 2 10 minute d levels. ( oved mus ) 2-7/8° - 1 x Bowen X ring. Stab Dened swed well. La	228 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i 231 psi. 11-3/4"-1 s tubing pressure i Could not detect fli hroom from stippe ,407 psi. 7"-227 ,-over on stripper, bed lubricator. Te //ab valve and ran i aid down lubricator  Proj. un tubing caliper.  Travel Hours  0.75	59 psi. Bled tubing increased to 1,161 60 psi. Bled tubing increased to 1,226 uid levels due to w.r. Spotted slickline psi. 11-3/4" - 60 psted lubricator to 3 in hole. Estimated r. 2-7/8" - 1584 ps	psi. g to 1,070 psi. Bl g to 1,070 psi. g to 1,070 psi. Bl g to 1,070	ed gas and fluid.  up. (11:45) 2-7/8  000 psi high. Tes  0ft. Tagged nipp  1-3/4" - 60 psi.	Shut in, 7	- 231 psi.  - 7" - 222.  Jualized swab 425 ft. Pulled  Date  Date
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						OTS & COOTS SERVICES				
		Date:	8-Nov-2015				and Number:	Standard Sens	son 25	Report # 1
	Custon	ner Name:	Southern Cal			1/4	County:		Los Angele	es
Custom	er Billing	Address:	12801 Tampa			1	State:		California	
		AFE #:	Northridge, C	A, 9132	б	V	Country: Vell Location:	Alica C	USA anyon Stora	ao Eacllitu
Custom	er Repre	sentative:				· ·	Well Type:	Aliso Ca	Gas	ge racility
			Danny Walze	el			Job Type:		Well Contr	lo
			Standard Ser				Rig No:		N/A	
		of Charge		Level		nments	Units	Unit	Charge	Total
		trol Specia		4		y Clayton	1			
		ol Specialis ntrol Engine		4		s Kopecky	1 1			
31.		pecialist	iei i	4		y Walzel Baggett	1			
G		ally Expens	e			/. / J.K. / M.B.	4			
		otel			D.C./ D.W	/. / J.K. / M.B.	4			
			- 1							
	-15000	al Car					1			
	Rent	al Car	-	-			1			
			-							
			7							
			-		Est	timated Daily Tota	al			
						Well Summary				
					veral fissures on p					
		0 ft. 7" cas	ing to 8,585 f	t. 5-1/2" s	slotted liner to 8,7	745 ft. 2-7/8" tubin		ker depth 8,468	ft.	
Hour	Hour	-		100.74		Activity	on Site			
5:45 6:00	6:00	Tribula Sententia	from hotel to lo	and the same of the	ot 10/01/25 solle-	- 100% LEL 25 f	from unil 25 25	750/ 2 7/01/ 4	CED est 7	210 mg
0,00	6,30	11-3/4" - 6		nent. LEL	at vveii 25 cellar	- 100%. LEL 251	riiom well 25 35	-13%. 2-118 -1	oou psi 7	- 218 psi.
	7:00		morning safet	v/operatio	na maatina					
6:30	1,00				ms meeting.					
6:30 7:00	8:15				Commenced op	perations.				
		Continued Began ma	l monitoring L king up slickli	EL levels. ine tools.	Commenced op Tool string: Spir	perations. Inner, ITL CL, Temp	perature, Pressure	and GR. Stabb	ed lubricate	or.
7:00 8:15	8:15 11:15	Continued Began ma 2-7/8" - 1,	monitoring Liking up slickli 681 psi. 7" -	EL levels. ine tools. 192 psi. 1	Commenced op Tool string: Spir 11-3/4" - 62 psi.	nner, ITL CL, Temp				
7:00 8:15	8:15	Continued Began ma 2-7/8" - 1,1 Pressure t	l monitoring L king up slickli 681 psi. 7" - tested lubricat	EL levels. ine tools. 192 psi. 1 tor to 300/	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test g	nner, ITL CL, Temp good. Equalized s	wab valve with 1,5			
7:00 8:15 11:15	8:15 11:15 14:15	Continued Began ma 2-7/8" - 1, Pressure t sat down a	monitoring L king up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13	EL levels. ine tools. 192 psi. 1 tor to 300/ 3:15) 2-7/l	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test ( 8" - 1,615 psi, 7"	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4"	wab valve with 1,5			
7:00 8:15 11:15	8:15 11:15 14:15	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4"	wab valve with 1,5 - 65 psi	500 psi. Opened		
7:00 8:15 11:15	8:15 11:15 14:15 15:45	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well.	wab valve with 1,5 - 65 psi	500 psi. Opened		
7:00 8:15 11:15	8:15 11:15 14:15 15:45	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well.	wab valve with 1,5 - 65 psi	500 psi. Opened		
7:00	8:15 11:15 14:15 15:45	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well.	wab valve with 1,5 - 65 psi	500 psi. Opened		
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7:00 8:15 11:15	8:15 11:15 14:15 15:45	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well.	wab valve with 1,5 - 65 psi	500 psi. Opened		
7:00 8:15 11:15	8:15 11:15 14:15 15:45	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well.	wab valve with 1,5 - 65 psi	500 psi. Opened		
7:00 8:15 11:15	8:15 11:15 14:15 15:45	Continued Began ma 2-7/8" - 1, Pressure t sat down a Pulled out	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels, ine tools, 192 psi, 1 tor to 300/ 3:15) 2-7/8 t 100 fpm.	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test of 8" - 1,615 psi, 7" . In lubricator. Si	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well.	wab valve with 1,5 - 65 psi	500 psi. Opened		
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7:00 8:15 11:15 14:15 15:45	8:15 11:15 14:15 15:45 16:00	Continued Began ma 2-7/8" - 1, Pressure t saf down Pulled out Laid down  caliper.	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at	EL levels. ine tools. 192 psi. 1 tor to 300/ 3:15) 2-7/t t 100 fpm. Down load	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test g 8" - 1,615 psi, 7" . In lubricator. Si data. Began pre	nner, ITL CL, Temp good. Equalized st - 212 psi. 11-3/4" ecured well. paring logs. Shut	wab valve with 1,5	500 psi. Opened		
7:00 8:15 11:15 14:15 15:45	8:15 11:15 14:15 15:45 16:00	Continued Began ma 2-7/8" - 1, Pressure t sat down Pulled out Laid down  caliper.	I monitoring Liking up slickli 681 psi. 7"-" tested lubricat at 8,425 ft. (13 of the hole at lubricator. D	EL levels, ine tools, 192 psi, 1 tor to 300/3:15) 2-7/8 t 100 fpm. Down load	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test g 8" - 1,615 psi, 7" , In lubricator. Si data. Began pre	pood. Equalized signs of the control	wab valve with 1,5 - 65 psi.  down for the night	500 psi. Opened		RIH at 50 fpm
7:00 8:15 11:15 14:15 15:45	8:15 11:15 14:15 15:45 16:00	Continued Began ma 2-7/8" - 1, Pressure t sat down Pulled out Laid down  caliper.	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (13 of the hole at lubricator. D	EL levels, ine tools, 192 psi, 1 tor to 300/3:15) 2-7/8 t 100 fpm. Down load	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test g 8" - 1,615 psi, 7" , In lubricator. Si data. Began pre	pood. Equalized so 212 psi. 11-3/4" ecured well. paring logs. Shut spected Operations  Approvals P	wab valve with 1,5 - 65 psi.  down for the night	500 psi. Opened		RIH at 50 fpm
7:00 8:15 11:15 14:15 15:45	8:15 11:15 14:15 15:45 16:00 Signature B	Continued Began ma 2-7/8" - 1, Pressure t sat down Pulled out Laid down caliper.	I monitoring Liking up slickli 681 psi. 7" - ' tested lubricat at 8,425 ft. (12 of the hole at a lubricator. D	EL levels. Ine tools. 192 psi. 1 tor to 300/ 3:15) 2-7/8 t 100 fpm. Down load	Commenced op Tool string: Spir 11-3/4" - 62 psi. /4,000 psi. Test g 8" - 1,615 psi, 7" . In lubricator. Si data. Began pre	pood. Equalized so 212 psi. 11-3/4" ecured well. paring logs. Shut spected Operations  Approvals P	wab valve with 1,5 - 65 psi.  down for the night	500 psi. Opened	swab valve	Parte  Date
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						OTS & COOTS SERVICES					
			9-Nov-2015			Well Name and	Number:	Standard Senson		eport#	1
	Custor	ner Name:	Southern Calif				County:		s Angeles		
Custom	er Billing	Address:	12801 Tampa		328		State:		USA USA		_
		AFE #:	Northridge, CA	1, 91020			Country:	Aliso Canyo		Facility	_
Custom	ner Repre	sentative:					ell Type:	Talloo Carry	Gas	- Lacinty	
			Danny Walzel				ob Type:	We	ell Control		
			Standard Sens				Rig No:		N/A		
		of Charge		evel	Соп	nments	Units	Unit Cha	arge	Tota	1
		ntrol Specia		4		Clayton	4				
		rol Specialis		4		Kopecky	1				
Sr		ntrol Engine	er	4		y Walzel	1				
r		pecialist ally Expens		4		Baggett . / J.K. / M.B.	1 4				
		otel				, / J.K. / M.B.	4				
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	Rent	tal Car					1				
	Rent	tal Car					1				
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						imated Daily Total				-:-	
and the	C	Charle	had to see	máth		Well Summary					
			hed to surface			ad site. '45 ft. 2-7/8" tubing to	8.510 # Po-1	or danth 8 460 A			_
Hour	Hour	T cas	sing to 6,565 ft.	J-1/2 51011	ted litter to 8,7	Activity on S		е чери 0,400 п.			_
5:45	6:00	Travaled	from hotel to lo	eation		Activity on S	ite				_
6:00	6:00	Trigger designation		- April - Art	Well 25 cellar	- 100%. LEL 25 ft from	n well 25 35	75% (North side of	nad) LEI	around	
3,30	2,00					1-3/4" - 66 psi.	. Their Ed OU -	- To tradition of	paroy, List	around .	
6:30	7:00		morning safety			Pari					
7:00	10:30		e-line. SDI be			,					
	12122										
10:30	11:15		was made to ru	n/noise tem	p. Made up n	oise/temp tools.					
10:30 11:15	C 0.00 C 0.00	Decision v Stabbed li	ubricator. Test	ed to 300/4,	000 psi. Test	oise/temp tools. good. Equalized swat	valve with 1,	500 psi. Opened sv	wab valve.	RIH.	
11:15	11:15 12:15	Decision v Stabbed li Pulled out	ubricator. Test of hole to che	ed to 300/4, ck noise/tem	000 psi. Test p tools.	good. Equalized swat					
11:15 12:15	11:15 12:15 13:15	Decision v Stabbed le Pulled out Pulled into	ubricator. Test of hole to checo lubricator. Se	ed to 300/4, ck noise/tem ecured well.	000 psi. Test np tools. 2-7/8" - 1,585	good. Equalized swab psi. 7" - 216 psi. 11-	3/4" - 69 psi. I	Changed out noise/	temp tools	ş.	
11:15	11:15 12:15	Decision v Stabbed li Pulled out Pulled into Stabbed li	ubricator. Test of hole to checo lubricator. Se ubricator. Test	ed to 300/4, ck noise/tem ecured well. ed to 300/4,	000 psi. Test p tools. 2-7/8" - 1,585 000 psi. Test	good. Equalized swab psi. 7" - 216 psi. 11- good. Equalized swab	3/4" - 69 psi. valve with 1,	Changed out noise/ 500 psi. Opened sv	temp tools	RIH.	
11:15 12:15	11:15 12:15 13:15	Decision v Stabbed li Pulled out Pulled into Stabbed li Logged te	ubricator. Test of hole to checo lubricator. Se ubricator. Test mperature dow	ed to 300/4, ck noise/tem ccured well ed to 300/4, in to 8,435 fi	000 psi. Test p tools. 2-7/8" - 1,585 000 psi. Test	good. Equalized swab psi. 7" - 216 psi. 11-	3/4" - 69 psi. valve with 1,	Changed out noise/ 500 psi. Opened sv	temp tools	RIH.	
11:15 12:15	11:15 12:15 13:15	Decision v Stabbed li Pulled out Pulled into Stabbed li Logged te 7" - 218 p	ubricator. Test of hole to chec o lubricator. Se ubricator. Test imperature downsi. 11-3/4" - 69	ed to 300/4, ck noise/tem ecured well. ed to 300/4, /n to 8,435 fi	000 psi. Test p tools. 2-7/8" - 1,585 000 psi. Test	good. Equalized swab psi. 7" - 216 psi. 11- good. Equalized swab	3/4" - 69 psi. valve with 1,	Changed out noise/ 500 psi. Opened sv	temp tools	RIH.	
11:15 12:15 13:15	11:15 12:15 13:15 18:00	Decision v Stabbed li Pulled out Pulled into Stabbed li Logged te 7" - 218 p	ubricator. Test of hole to chec o lubricator. Se ubricator. Test imperature downsi. 11-3/4" - 69 end of the day	ed to 300/4, ck noise/tem ecured well. ed to 300/4, /n to 8,435 fi	000 psi. Test p tools. 2-7/8" - 1,585 000 psi. Test	good. Equalized swab psi. 7" - 216 psi. 11- good. Equalized swab	3/4" - 69 psi. valve with 1,	Changed out noise/ 500 psi. Opened sv	temp tools	RIH.	
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11:15 12:15 13:15	11:15 12:15 13:15 18:00	Decision v Stabbed li Pulled out Pulled into Stabbed li Logged te 7" - 218 p Attended	ubricator. Test of hole to chec o lubricator. Se ubricator. Test imperature downsi. 11-3/4" - 69 end of the day	ed to 300/4, ck noise/tem ecured well. ed to 300/4, /n to 8,435 fi	000 psi. Test p tools. 2-7/8" - 1,585 000 psi. Test	good. Equalized swab psi. 7" - 216 psi. 11- good. Equalized swab	3/4" - 69 psi. valve with 1,	Changed out noise/ 500 psi. Opened sv	temp tools	RIH.	
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## Confidential and Protected Materials Pursuant to PUC Section 583, GO 66-D, and D.17-09-023

7047 W. Greens Rd. Houston, TX. 77066 281-931-8884



		Date:	10-Nov-2015			Well Name and	Number:	Standard S	Senson 25	Report #	17
	Custon	ner Name:	Southern Califo				County:		Los Angel	~	
Custom	er Billing	Address:	12801 Tampa		328		State:		California	3	
	2,112,111.08	AFE #:	Northridge, CA	91326		Mall	Country: Location:	Alie	USA Canyon Stora	an English	
Custon	er Repre	sentative:					Well Type:	Allo	Gas	ge raciity	
			Darny Walzel				Job Type:		Well Conti	rol	
			Standard Sens	on 25			Rig No:		N/A		
De	escription	of Charge	es: Le	evel	Corr	nments	Units	U	nit Charge	T	otal
		ntrol Specia		4	-	y Clayton	1				
		ol Specialis		4		Kopecky	1				
Sr		ntrol Engine pecialist		4		y Walzel Baggett	1				
0		aily Expens		-		. / J.K. / M.B.	4				
		otel				, / J.K. / M.B.	4				
			5/2								
		al Car					1				
	Rent	tal Car	1				1				
			7								
					Est	imated Daily Total	L.				
						Well Summary					
andard :	Senson 2	5 has broad	hed to surface	with severa	I fissures on p	ad site.					
-3/4" ca	sing to 99	0 ft. 7" cas	sing to 8,585 ft.	5-1/2" slot	ted liner to 8,7	45 ft. 2-7/8" tubing to		ker depth 8,4	168 ft.		
Hour	Hour					Activity on	Site				
5:45	6:00	A THE RESERVE	from hotel to loo	Ch. Indiana	A STATE OF THE STA				And we see to be		
6:00	6:30	-		ent. LEL at	Well 25 cellar	: 75 - 100%. LEL 25 f	t from well 25	25 - 75%. 2-	7/8" - 1,624 ps	i. 7" - 211	psi.
6:30	7:00	11-3/4" - 1	no psi. morning safety/	anaratione	monting						
7:00	9:30		red to run gyro.		meeting.						
9:30	12:00				CERSON SEC						
	12.00	Stapped	unicator. Tests	ad lubilicato	r to 300/4,000	psi. Test good. Equa	alized swab va	alve with 1,50	Opsi. Opened	swab valv	e.
	12.00					psi. Test good. Equa- led out of the hole.	alized swab va	alve with 1,50	0 psi. Opened	swab valv	e.
12:00	14:00	RIH. Atte	mpted to orient ro. Cut 300 fee	gyro. Unsi	uccessful. Pul Made up gyro	led out of the hole.					
12:00		RIH. Atte Tested gy Stabbed I	mpted to orient ro. Cut 300 fee ubricator. Teste	gyro. Unsi et of e-line. ed lubricato	uccessful. Pul Made up gyro ir to 300/4,000	lled out of the hole.					
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		Date:	11-Nov-2015			Well Name an	d Number:	Standard Senso	n 25	Report #	1
	Custon		Southern Califor				County:		os Angel		
Custon	ner Billing		12801 Tampa A		28		State:		California	3	
	-	AFE #:	Northridge, CA,	91020		Mal	Country:	Alien Con	USA Non Store	ge Facility	
Custor	ner Repre	sentative:					Well Type:	Aliso Car	Gas	ge Facility	
			Danny Walzel				Job Type:	1	Nell Cont	rol	
			Standard Senso	n 25			Rig No:		N/A		
		of Charge		el		ments	Units	Unit C	harge	To	tal
		ntrol Specia				Clayton	1				
		ol Specialis				Kopecky	1				
31		ntrol Engine pecialist	er 4	_		Walzel Baggett	1 1				
		ally Expens				/ J.K. / M.B.	4				
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		al Car					1				
	Rent	al Car	-	-			1				
				-							
			-		Esti	mated Daily Total					
						Vell Summary					
andard	Senson 25	has broad	hed to surface v	ith several	fissures on pa	ad site.					
	asing to 99	0 ft. 7" cas	sing to 8,585 ft.	5-1/2" slotte	ed liner to 8,74	45 ft. 2-7/8" tubing t		ker depth 8,468 ft.	1		
Hour	Hour					Activity on	Site				
5:45	6:00	1.00	rom hotel to loca						-		
6:00	6:30			t. Took LE	L readings C	Cleared location to b	egin work: 2-7/	8" - 1,705 psi 7"	- 227 psi.		
6:30	7:00	11-3/4" - 7	o psi. morning safety/o	narations r	nonting				_		
7:00	12:00					BOP's. Nippled do	wn riser and 4-	1/16" 10M gate va	Ive Insta	iled 2-9/16	5M
1.00	12.00					lowen adapter flange					
					intative. Orde	red out 2 Baker 5 se			alliburton	is flying	
				view, Texa	s and setting	red out 2 Baker 5 so sleeves from Utah.	tting tools to se	t 2-7/8" EZSV. H			
		are being	machined in Ver	view, Texa	s and setting ornia.	sleeves from Utah.	etting tools to se Tools will arrive	t 2-7/8" EZSV. H	lug conve	ersion kits	
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		Date:	12-Nov-2015			Well Name	and Number:	Standard Sens	son 25	Report# 1
	Custon		Southern Cali	ifornia Gas			County:		Los Angele	S
Custom	er Billing	Address:	12801 Tampa				State:		California	
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Northridge, C	A, 91326	j .		Country:	45.0	USA	104
Cueton	ner Renre	AFE #: sentative:				W	/ell Location: Well Type:	Aliso Ca	inyon Storag Gas	ge Facility
			Darny Walze	d		1	Job Type:		Well Contro	i l
1100			Standard Sen				Rig No:		N/A	,
De	escription	of Charge	es: L	_evel	Con	nments	Units	Unit	Charge	Total
		ntrol Specia		4		y Clayton	1			
		ol Specialis		4		s Kopecky	1			
Sr		ntrol Engine	per	4		y Walzel	1	-		
-		pecialist ally Expens		4		Baggett /. / J.K. / M.B.	1 4			
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			- 10		PETER PETER	0.1.21.00 10.21				
	Rent	al Car					1			
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							1011			
							-	-		
					Fet	timated Daily Tota	I			
						Well Summary				
andard	Senson 2	5 has hmar	hed to surface	e with seve	eral fissures on p					
						745 ft. 2-7/8" tubing	to 8,510 ft. Pac	ker depth 8.468 t	n.	
Hour	Hour	1			and the second	Activity		T		
5:45	6:00	Traveled 1	from hotel to lo	ocation.		2,022,74				
6:00	6:30	Performed	d site assessm	nent. Took	LEL readings	Cleared location to	begin work. 2-7/	/8" - 1,737 psi 7	" - 240 psi.	
		11-3/4" - 1		-						
6:30	7:00		morning safety	v/operation	ns meeting.					
7.00	41.4-		H F TOLD				V 17			1.000
7:00	11:15			ed on loca	tion. Baker 5 se	etting tool arrived o				
2322		With HAL	pump. Test go	ed on loca	ation. Baker 5 se down lubricator.	Made up 2-7/8" E.	ZSV. Tested lubr	icator to 400/4,00	00 psi. Test	
11:15	15:00	with HAL	pump. Test go I swab valve w	ed on loca ood. Laid ith 1,500 p	ation. Baker 5 se down lubricator. osi. Opened swa	Made up 2-7/8" E. ab valve, RIH. Set	ZSV. Tested lubr EZSV at 8,393 ft	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
7:00 11:15 15:00		with HAL	pump. Test go I swab valve w	ed on loca ood. Laid ith 1,500 p	ation. Baker 5 se down lubricator. osi. Opened swa	Made up 2-7/8" E.	ZSV. Tested lubr EZSV at 8,393 ft	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00	15:00	with HAL person of the second	pump. Test go I swab valve w 694 psi. 7" - 2	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15	15:00 15:30	with HAL person of the second	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
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11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
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11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation. Baker 5 se down lubricator, esi. Opened swa 1-3/4" - 105 psi.	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19	ZSV, Tested lubr EZSV at 8,393 ft 95 psi, Shut in, 2	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
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11:15 15:00 15:30	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19 prating tubing and h	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dll plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
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11:15 15:00 15:30 16:00	15:00 15:30 16:00	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended Traveled t	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19 prating tubing and h	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dll plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30 16:00	15:00 15:30 16:00 16:30	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended Traveled t	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19 pratting tubing and high process of the control of the	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dll plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30 16:00	15:00 15:30 16:00 16:30	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1	pump. Test go I swab valve w 694 psi. 7" - 2 end of the day to hotel.	ed on loca ood. Laid vith 1,500 p 245 psi. 1°	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19 prating tubing and h  jected Operations  Approvals	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	gcod. i. 11-3/4" -
11:15 15:00 15:30 16:00	15:00 15:30 16:00 16:30	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1	pump. Test go swab valve w 694 psi. 7" - 2 end of the day	ed on loca ood. Laid vith 1,500 p 245 psi. 1°	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH. Set Bled tubing to 1,19 prating tubing and h  jected Operations  Approvals	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dll plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good.
11:15 15:00 15:30 16:00	15:00 15:30 16:00 16:30 tubing. Ki	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1  ill well.	pump. Test go I swab valve w 694 psi. 7" - 2 end of the day to hotel.	tative	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and k  jected Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good. i. 11-3/4" -
11:15 15:00 15:30 16:00	15:00 15:30 16:00 16:30 tubing. Ki	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1  ill well.	pump. Test go I swab valve w 694 psi. 7" - 2 end of the day to hotel.	tative	ation, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	gcod. i. 11-3/4" -
11:15 15:00 15:30 16:00 erforate	15:00 15:30 16:00 16:30 tubing. Ki	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1  ill well.	pump. Test go I swab valve w 694 psi. 7" - 2 end of the day to hotel.	tative	tion, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 . Pulled out of he	00 psi. Test ble.	good. i. 11-3/4" -  Date  Date
11:15 15:00 15:30 16:00 erforate	15:00 15:30 16:00 16:30 tubing. Ki	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1  ill well.	pump. Test go I swab valve w 694 psi. 7" - 2 end of the day to hotel.	tative	tion, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi. Discussed perfo	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 Pulled out of he 2-7/8" - 1,195 psi.	00 psi. Test ble.	good. i. 11-3/4" -
11:15 15:00 15:30 16:00 erforate	15:00 15:30 16:00 16:30 tubing. Ki	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1  ill well.  see Custom and 1  me	pump. Test go I swab valve w 694 psi. 7"-2 end of the day to hotel.	tative	tion, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed perfo	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 Pulled out of he 2-7/8" - 1,195 psi.	00 psi, Test ble. 7" - 245 ps	good. i. 11-3/4" -  Date  Date
11:15 15:00 15:30 16:00 erforate	15:00 15:30 16:00 16:30 tubing. Ki	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1 Tr	pump. Test go swab valve w 694 psi. 7"-2 end of the day to hotel.  The resent coots Represent to the coots Represe	tative	tion, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi. Discussed perfo	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 Pulled out of he 2-7/8" - 1,195 psi.	00 psi, Test ble. 7" - 245 ps	good. i. 11-3/4" -  Date  Date
11:15 15:00 15:30 16:00 erforate	15:00 15:30 16:00 16:30 tubing. Ki Signature E	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1 Tr	pump. Test got swab valve w 694 psi. 7"-2 end of the day to hotel.  Coots Represent Hours on Loc	tative	tion, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" - 105 psi.  Discussed performance	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 Pulled out of he 2-7/8" - 1,195 psi.	00 psi, Test ble. 7" - 245 ps	good. i. 11-3/4" -  Date  Date
11:15 15:00 15:30 16:00 erforate	15:00 15:30 16:00 16:30 tubing. Ki Signature E mployee Na Danny Clayto	with HAL   Equalized 2-7/8" - 1, 105 psi. Attended 1 Traveled 1 Tr	pump. Test got swab valve w 694 psi. 7"-2 end of the day to hotel.  Coots Represent Hours on Loc 10 10 10	tative	tion, Baker 5 sedown lubricator, osi. Opened swa 1-3/4" – 105 psi.  Discussed performance	Made up 2-7/8" E. ab valve, RIH, Set Bled tubing to 1,19 prating tubing and be specified Operations  Approvals  Pr	ZSV. Tested lubr EZSV at 8,393 ft 95 psi. Shut in. 2 dill plan.	cator to 400/4,00 Pulled out of he 2-7/8" - 1,195 psi.	00 psi, Test ble. 7" - 245 ps	good. i. 11-3/4" -  Date  Date



							COOTS SENTAN				
	1		13-Nov-2015		100000000000000000000000000000000000000		Well Name a	and Number:	Standard Ser	210.00	Report #
	Custon	ner Name:	Southern Calif			У		County:		Los Angel	
Custom	er Billing	Address:	12801 Tampa Northridge, CA			-		State: Country:		California	
		AFE #:	Hommuge, O	0 1020	-		W	ell Location:	Aliso C	anyon Stora	ge Facility
Custon	ner Repre	sentative:						Well Type:		Gas	-
Re	port Gen	erated By:	Danny Walzel					Job Type:		Well Conti	lo
			Standard Sen					Rig No:		N/A	
		of Charge		evel		Comme		Units	Unit	Charge	Total
		ntrol Specialis		4		Danny C James Ko		1			
		ntrol Engine		4		Darny W		7			
		pecialist		4		Mike Ba		1	- 1		
		ally Expens	e		D.C		J.K. / M.B.	4			
	H	otel			D,C	./ D.W. / .	J.K. / M.B.	4			
		-10	- 1								
		tal Car		-				1 1	-		
	Non	ai Cai	-	-					+		
			-								
						Estima	ated Daily Total	V			
						We	ll Summary				
			hed to surface								
		0 ft. 7" cas	sing to 8,585 ft.	5-1/2" s	lotted line	r to 8,745		to 8,510 ft. Pac	ker depth 8,468	ft.	
Hour	Hour						Activity of	n Site			
5:45	6:00	11000	from hotel to lo	and the last to th	100	lines Of	warmed to work and a	housing to the latest to the	011 4 202	711 220	
6:00	6:30	11-3/4" - 8		ent. Tool	CLEL read	ings. Cle	ared location to	begin work: 2-7	6 - 1,202 psi	- 229 psi.	
6:30	7:00			operation	ns meetin	. Discuss	sed perforating t	ubing and pumpi	na kill.		
7:00	9:00							to 300/4,000 ps		qualized sw	ab valve with
			Opened swat								
				3 400	anii i bio	ssure 1,20	01 psi. Pumped	b bbis of 10.8 pp	ig CaCl2. 2-7/8	- 908 psi.	7 - 229 psi.
		11-3/4" - 9									
9:00	11:15	RIH with to	ubing punch.	Tagged E	ZSV at 8,	402 ft. Pe	erforated tubing 8	3,387 ft to 8,391	t. Pulled out of	hole. Laid o	down lubricator.
9:00 11:15	11:15	RIH with to 2-7/8" - 1,	ubing punch. 526 psi. 7" - 2	Tagged E. 53 psi. 1	ZSV at 8,- 1-3/4" - 89	402 ft. Pe psi. Held	erforated tubing 8 d PJSM. Pumpe	3,387 ft to 8,391 ft d 10 9.4 ppg po	t. Pulled out of lymer pill. Bega	hole. Laid o	down lubricator.
		RIH with to 2-7/8" - 1, CaCl2, At	ubing punch. 526 psi. 7" - 2 iter displacing	Tagged E. 53 psi. 1 tubing vol	ZSV at 8, 1-3/4" - 89 lume oper	402 ft. Pe psi. Held ned choke	erforated tubing 8 d PJSM. Pumpe on 7" casing. P	3,387 ft to 8,391 in did 10 9.4 ppg po ump rate 6 bpm.	t. Pulled out of lymer pill. Bega PP - 166 psi.	hole. Laid o in displacing After 80 bbls	down lubricator. with 9.4 ppg displaced
		RIH with to 2-7/8" - 1, CaCl2, At observed	ubing punch. 526 psi. 7" - 2 fter displacing increased gas	Tagged E. 53 psi. 1 tubing vol flow and	ZSV at 8, 1-3/4" - 89 lume oper liquid fron	402 ft. Pe psi. Held led choke fissures	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8.0	3,387 ft to 8,391 i d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500	t. Pulled out of lymer pill. Bega PP - 166 psi.	hole. Laid o in displacing After 80 bbls I pumping a	down lubricator. with 9.4 ppg displaced 18.0
		RIH with to 2-7/8" - 1, CaCl2. At observed bpm. Afte	ubing punch. 526 psi. 7" - 2 fter displacing increased gas er 185 bbls pun	Tagged E. 53 psi. 1 tubing vol flow and nped. Pu	ZSV at 8, 1-3/4" - 89 lume oper liquid from mp pressi	102 ft. Pe psi. Held led choke fissures ure - 1,400	orforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8.0 D psi. Pony moto	3,387 ft to 8,391 in did 10 9.4 ppg po ump rate 6 bpm.	t. Pulled out of lymer pill. Bega PP - 166 psi. psi. Continued - 45 psi. 11-3/4	hole. Laid on displacing After 80 bbls dipumping a 1" - 45 ps. 1	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline.
		RIH with to 2-7/8" - 1, CaCl2. At observed bpm. Afte Brought po PP - 634 p	ubing punch. 526 psi. 7" - 2 fter displacing increased gas at 185 bbls punumps online at osi. Brine, oil,	Tagged E. 53 psi. 1 tubing vol flow and I nped. Pu 17 bpm. I and gas fl	ZSV at 8, 1-3/4" - 89 lume oper liquid from mp pressi Pump pres lowing fro	402 ft. Pe psi. Held led choke fissures ure - 1,400 ssure 0 ps m fissures	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 went down. 7" pumped, Pump 93 bbls pumped	t. Pulled out of lymer pill. Bega PP - 166 psi. psi. Continue - 45 psi. 11-3/ pressure 203 p 10 bbls 9.4 ppg	hole. Laid of the hole in displacing After 80 bbls dispumping a 1" - 45 psi. It also the hole in After 320 bsi. After 320	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
11:15	14:00	RIH with to 2-7/8" - 1, CaCl2, All observed bpm. Afte Brought pi PP - 634 p Displaced	ubing punch. 526 psi. 7" - 2 fter displacing increased gas er 185 bbls pun umps online at osi. Brine, oil, into tubing wit	Tagged E. 53 psi. 1 tubing vol flow and I nped. Pu 17 bpm. I and gas fi h 3 bbls.	ZSV at 8, 1-3/4" - 89 lume oper liquid fron mp pressi Pump pres lowing fro Shut dow	402 ft. Pe psi. Held led choke fissures ure - 1,400 ssure 0 ps m fissures n. Tubing	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6 pressure 0 psi.	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 r went down. 7" pumped, Pump 93 bbls pumped 7" - 192 psi. 11	t. Pulled out of lymer pill. Bega PP - 166 psi. psi. Continue - 45 psi. 11-3/ pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi.	hole. Laid of in displacing After 80 bbls dipumping a 1" - 45 psi. Isi. After 320 polymer pill	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
		RIH with to 2-7/8" - 1,4 CaCl2. All observed bpm. After Brought pp PP - 634 pp Displaced Lined up to 2-7/8".	ubing punch. 526 psi. 7" - 2 fter displacing increased gas er 185 bbls pun umps online at osi. Brine, oil, into tubing wit	Tagged E. 53 psi. 1 tubing vol flow and Inped. Pur 7 bpm. Fand gas fi h 3 bbls. 2-7/8" x 7"	ZSV at 8, 1-3/4" - 85 lume oper liquid from mp pressi Pump pre- lowing fro Shut dow " annulus.	402 ft. Pe psi. Held led choke in fissures ure - 1,400 ssure 0 ps m fissures n. Tubing Pumped	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony moto si. After 210 bbs on pad. After 6 pressure 0 psi. junk shot. After	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 or went down. 7" pumped. Pump 93 bbls pumped 7" - 192 psi. 11 5 bbls pumped	t. Pulled out of lymer pill. Bega PP - 166 psi. psi. Continue - 45 psi. 11-3/ pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi.	hole. Laid of in displacing After 80 bbls dipumping a 1" - 45 psi. Isi. After 320 polymer pill	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
14:00	14:00	RIH with to 2-7/8" - 1, CaCl2. All observed bpm. After Brought properties of the pro	ubing punch. 526 psi. 7" - 2 fter displacing increased gas er 185 bbls pun umps online at osi. Brine, oil, into tubing wit o pump down? unk shots. Sh	Tagged E. 53 psi. 1 tubing vol flow and inped. Purity Tagged Tagg	ZSV at 8, 1-3/4" - 85 lume oper liquid from mp pressi lowing fro Shut dow " annulus 2-7/8" - 2	402 ft. Pe 9 psi. Held led choke 1 fissures ure - 1,400 ssure 0 ps m fissures n. Tubing Pumped 78 psi. 7"	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6 pressure 0 psi. junk shot. After - 293 psi. 11-3/	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 or went down. 7" pumped. Pump 93 bbls pumped 7" - 192 psi. 11 5 bbls pumped 4" - 42 psi.	t. Pulled out of lymer pill. Bega PP - 166 psi. op psi. Continued - 45 psi. 11-34 pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi. observed brine to	hole. Laid of the following the second of the following a second of the following a second of the following the fo	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
11:15	14:00	RIH with to 2-7/8" - 1, CaCl2. At observed bpm. After Brought properties of the prop	ubing punch. 526 psi. 7" - 2 fter displacing increased gas er 185 bbls pun umps online at osi. Brine, oil, into tubing wit o pump down? unk shots. Sh end of the day	Tagged E. 53 psi. 1 tubing vol flow and inped. Purity Tagged Tagg	ZSV at 8, 1-3/4" - 85 lume oper liquid from mp pressi lowing fro Shut dow " annulus 2-7/8" - 2	402 ft. Pe 9 psi. Held led choke 1 fissures ure - 1,400 ssure 0 ps m fissures n. Tubing Pumped 78 psi. 7"	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6 pressure 0 psi. junk shot. After - 293 psi. 11-3/	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 or went down. 7" pumped. Pump 93 bbls pumped 7" - 192 psi. 11 5 bbls pumped	t. Pulled out of lymer pill. Bega PP - 166 psi. op psi. Continued - 45 psi. 11-34 pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi. observed brine to	hole. Laid of the following the second of the following a second of the following a second of the following the fo	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
14:00	14:00	RIH with to 2-7/8" - 1, CaCl2. At observed bpm. After Brought properties of the prop	ubing punch. 526 psi. 7" - 2 fter displacing increased gas at 185 bbls punumps online at 55. Brine, oil, into tubing with 50 pump down 2 unk shots. Shend of the day is in tubing.	Tagged E. 53 psi. 1 tubing vol flow and inped. Purity Tagged Tagg	ZSV at 8, 1-3/4" - 85 lume oper liquid from mp pressi lowing fro Shut dow " annulus 2-7/8" - 2	402 ft. Pe 9 psi. Held led choke 1 fissures ure - 1,400 ssure 0 ps m fissures n. Tubing Pumped 78 psi. 7"	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6 pressure 0 psi. junk shot. After - 293 psi. 11-3/	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 or went down. 7" pumped. Pump 93 bbls pumped 7" - 192 psi. 11 5 bbls pumped 4" - 42 psi.	t. Pulled out of lymer pill. Bega PP - 166 psi. op psi. Continued - 45 psi. 11-34 pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi. observed brine to	hole. Laid of the following the second of the following a second of the following a second of the following the fo	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
14:00	14:00 17:00 17:45	RIH with to 2-7/8" - 1, CaCl2. At observed bpm. After Brought pr PP - 634 pr Displaced Lined up to pumping jumping jumping out of perf	ubing punch. 526 psi. 7" - 2 fter displacing increased gas at 185 bbls punumps online at 55. Brine, oil, into tubing with 50 pump down 2 unk shots. Shend of the day is in tubing.	Tagged E. 53 psi. 1 tubing vol flow and inped. Purity Tagged Tagg	ZSV at 8, 1-3/4" - 85 lume oper liquid from mp pressi lowing fro Shut dow " annulus 2-7/8" - 2	402 ft. Pe 9 psi. Held led choke 1 fissures ure - 1,400 ssure 0 ps m fissures n. Tubing Pumped 78 psi. 7"	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6 pressure 0 psi. junk shot. After - 293 psi. 11-3/	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 or went down. 7" pumped. Pump 93 bbls pumped 7" - 192 psi. 11 5 bbls pumped 4" - 42 psi.	t. Pulled out of lymer pill. Bega PP - 166 psi. op psi. Continued - 45 psi. 11-34 pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi. observed brine to	hole. Laid of the following the second of the following a second of the following a second of the following the fo	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
14:00 17:00	14:00 17:00 17:45	RIH with to 2-7/8" - 1, CaCl2. At observed bpm. After Brought pr PP - 634 pr Displaced Lined up to pumping jumping jumping out of perf	ubing punch. 526 psi. 7" - 2 fter displacing increased gas at 185 bbls punumps online at 55. Brine, oil, into tubing with 50 pump down 2 unk shots. Shend of the day is in tubing.	Tagged E. 53 psi. 1 tubing vol flow and inped. Purity Tagged Tagg	ZSV at 8, 1-3/4" - 85 lume oper liquid from mp pressi lowing fro Shut dow " annulus 2-7/8" - 2	402 ft. Pe 9 psi. Held led choke 1 fissures ure - 1,400 ssure 0 ps m fissures n. Tubing Pumped 78 psi. 7"	erforated tubing 8 d PJSM. Pumpe on 7" casing. P . Pump rate 8,0 0 psi. Pony mote si. After 210 bbs on pad. After 6 pressure 0 psi. junk shot. After - 293 psi. 11-3/	d 10 9.4 ppg po ump rate 6 bpm. bpm. PP - 1,500 or went down. 7" pumped. Pump 93 bbls pumped 7" - 192 psi. 11 5 bbls pumped 4" - 42 psi.	t. Pulled out of lymer pill. Bega PP - 166 psi. op psi. Continued - 45 psi. 11-34 pressure 203 p 10 bbls 9.4 ppg 3/4" - 92 psi. observed brine to	hole. Laid of the following the second of the following a second of the following a second of the following the fo	down lubricator. I with 9.4 ppg displaced 18.0 Pumps offline. Dibbls pumped
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14:00 17:00 17:45 ump bar	14:00  17:00  17:45  18:00  ite pill.  Signature Employee National Walze	RIH with to 2-7/8" - 1, CaCl2. At observed bpm. Afte Brought pi PP - 634 p Displaced Lined up to pumping ji Attended to out of perf Traveled to the control of the control and	ubing punch. 526 psi. 7" - 2 fter displacing increased gas at 185 bbls punumps online at osi. Brine, oil, into tubing wit o pump down aunk shots. Shend of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing. The cools Representation of the day is in tubing.	Tagged E: 53 psi. 1 tubing vol flow and I nped. Pu 7 bpm. I and gas fl h 3 bbls. 2-7/8" x 7" ut down. meeting.	ZSV at 8,: 1-3/4" - 89 lume oper liquid from mp pressi Pump pre- lowing fro Shut dow "annulus, 2-7/8" - 2 Discusse  Travel Hi 0.5 0.5	402 ft. Pe P psi. Held ped choke Infissures Infissure 0 ps Infissures Infissu	erforated tubing 8 d PJSM. Pumpe on 7" casing. P. Pump rate 8,0 p. Pump ra	int Name	t. Pulled out of lymer pill. Bega PP - 166 psi	hole. Laid of an displacing After 80 bbls dipumping a 1" - 45 psi. I si. After 320 polymer pill irom fissures i barite pill	down lubricator. I with 9.4 ppg I displaced I 8.0 Pumps offline. I biblis pumped I s. Continued  Date  Date



						OTS & COOTS SETIMOSS				
		Date:	14-Nov-2015			-	and Number:	Standard Sens	on 25	Report #   2
	Custon	ner Name:	Southern Cali				County:		Los Angele	
Custom	er Billing	Address:	12801 Tampa		9328		State:		California	
- San and Aglanda		AFE #:	Northridge, Ca	A, 91326		10	Country:	Alica Co.	USA nyon Storag	ao Eacllitu
Custon	ner Repre	sentative:				, , , , , , , , , , , , , , , , , , ,	Well Type:	Aliso Ca	Gas	ge Facility
			Danny Walzel				Job Type:		Well Contro	ol
			Standard Sen				Rig No:		N/A	
		of Charge		evel		nments	Units	Unit	harge	Total
		ntrol Specia		4	-	y Clayton	1			
		ol Specialis ntrol Engine		4		y Walzel	1	-		
- 31		pecialist		4		Baggett	1			
(		ally Expens	e			. / J.K. / M.B.	4			
	He	otel			D.C./ D.W	, / J.K. / M.B.	4			
		72-1-	5 2	- 15						
	-157001	al Car al Car	- 12				1			
	NGIL	ai Gai								
			7							
					Est	imated Daily Tota	ıl			
						Well Summary				
		and the second second	A to be to the second of the second of		ral fissures on p			and the same of the same		
		Uft. 7" cas	ing to 8,585 ft.	5-1/2" slo	otted liner to 8,7	45 ft. 2-7/8" tubing		ker depth 8,468 fl		
Hour	Hour	Travel-d	from batal to 1-	antine .		Activity	on Site			
5:45	6:00		from hotel to lo		IFI readings of	Cleared location to	begin work 2-7/9	"-1.610 nei 7"	- 245 nei	11-34" - 35 nsi
6:30	7:30					8-5/8" - 80 psi. C				
		8-5/8" - 1,	500 psi.							
		DI- 1 161-11	DE 70							
7:30	8:30					Bled gas. Shut in a				
7:30 8:30	8:30 16:30	Cleaned lo	ocation and eq	uipment. I	Discussed pump	ping barite pill with	SCGC representa			
		Cleaned lo barite pill.	ocation and eq Gave to SCG	uipment. I C for revie	Discussed pump w. Performed p	ping barite pill with pilot tests with cher	SCGC representa micals for 18.0 ppg	pill. Samples pr	oved to be	pumpable
		Cleaned to barite pill. with good	ocation and eq Gave to SCG settling times.	uipment. I C for revie (15:15) V	Discussed pump w. Performed p Well 25: 2-7/8" -	ping barite pill with bilot tests with cher - 1.690 psi. 7" - 21	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4" - 33	pill. Samples pr 2 psi. Moved in a	oved to be nd rigged t	pumpable
8:30 16:30	16:30	Cleaned to barite pill. with good batch mixe Filled frac	ocation and eq Gave to SCG settling times. er. Sucked ou tank on Pad 2	uipment. I C for revie (15:15) V It Well 25 c	Discussed pump bw. Performed p Well 25: 2-7/8" - cellar. 11-3/4" ca	ping barite pill with pilot tests with cher	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4" - 32 ared with silt. Orde	pill. Samples pr 2 psi. Moved in a ered out Super Si	oved to be nd rigged u ucker.	pumpable
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8:30 16:30	18:00 18:15	Cleaned to barite pill. with good batch mixe Filled frac	ocation and eq Gave to SCG settling times. er. Sucked ou tank on Pad 2	uipment. I C for revie (15:15) V It Well 25 c	Discussed pump bw. Performed p Well 25: 2-7/8" - cellar. 11-3/4" ca bbls 9.4 ppg bri	ping barite pill with pilot tests with cher - 1.690 psi. 7" - 21 asing valve is cove ine. Modified pum	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4"-3; ared with silt. Orde p line to pump jun	pill. Samples pr 2 psi. Moved in a ered out Super Si	oved to be nd rigged u ucker.	pumpable
8:30 16:30 18:00	16:30 18:00 18:15	Cleaned to barite pill. with good batch mixe Filled frac Traveled t	ocation and eq Gave to SCG settling times. er. Sucked ou tank on Pad 2 to hotel.	uipment. I 3C for revie (15:15) V It Well 25 c 25 with 500	Discussed pump bw. Performed p Well 25: 2-7/8" - cellar. 11-3/4" ca bbls 9.4 ppg bri	ping barite pill with pilot tests with cher - 1.690 psi. 7" - 21 asing valve is cove ine. Modified pum	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4"-3; ared with silt. Orde p line to pump jun	pill. Samples pr 2 psi. Moved in a ered out Super Si	oved to be nd rigged u ucker.	pumpable
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8:30 16:30 18:00	18:00 18:15 ite pill. Signature Employee Na	Cleaned to barite pill. with good batch mixe Filled frac Traveled t	coation and eq Gave to SCG settling times. er. Sucked ou tank on Pad 2 to hotel.  Coots Represent	julipment. It is continued to the contin	Discussed pump  Well 25: 2-7/8" -  cellar. 11-3/4" ca  bbls 9.4 ppg bri  Proj	ping barite pill with pilot tests with cher - 1.690 psi. 7" - 21 asing valve is cove ine. Modified pum  jected Operations  Approvals  Pr	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4"- 3; ared with silt. Orde p line to pump jum  rint Name nny Walzel	pill. Samples pr 2 psi. Moved in a ered out Super St k shots down 7" a	oved to be nd rigged u ucker. unnulus.	pumpable up HAL  Date
8:30 16:30 18:00	18:00 18:15 ite pill. Signature E	Cleaned to barite pill. with good batch mixe Filled frac Traveled t	coation and eq Gave to SCG settling times. er. Sucked ou tank on Pad 2 to hotel.  Coots Represent Hours on Loc	julipment. It is continued to the contin	Discussed pump  Well 25: 2-7/8" -  cellar. 11-3/4" ca  bbls 9.4 ppg bri  Proj  Proj  Travel Hours  0.5	ping barite pill with pilot tests with cher - 1.690 psi. 7" - 21 asing valve is cove ine. Modified pum  jected Operations  Approvals  Pr	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4"- 3; ared with silt. Orde p line to pump jum  rint Name nny Walzel	pill. Samples pr 2 psi. Moved in a ered out Super St k shots down 7" a	oved to be nd rigged u ucker. unnulus.	pumpable up HAL  Date
8:30 16:30 18:00	18:00 18:15  ite pill.  Signature E  mployee Na Danny Glayto Danny Walze	Cleaned to barite pill. with good batch mixe Filled frac Traveled to the Control of the Control	coation and eq Gave to SCG settling times. er. Sucked ou tank on Pad 2 to hotel.  Coots Represent Hours on Loc 10	julipment. It is continued to the contin	Discussed pump  Well 25: 2-7/8" -  cellar. 11-3/4" ca  bbls 9.4 ppg bri  Proj  Proj  Travel Hours  0.5  0.5	ping barite pill with pilot tests with cher - 1.690 psi. 7" - 21 asing valve is cove ine. Modified pum  jected Operations  Approvals  Pr	SCGC representa micals for 18.0 ppg 3 psi. 11-3/4"- 3; ared with silt. Orde p line to pump jum  rint Name nny Walzel	pill. Samples pr 2 psi. Moved in a ered out Super St k shots down 7" a	oved to be nd rigged u ucker. unnulus.	pumpable up HAL  Date



						E & COOTS SETUING				
			15-Nov-2015			Well Name and		Standard Sens	10.00	Report # 2
6.7	Custon	ner Name:	Southern Califo 12801 Tampa A				County: State:		Los Angele California	^-
Custom	ner Billing	Address:	Northridge, CA,				Country:		USA	
		AFE #:		V 1020		Well	Location:	Aliso Ca		ge Facility
		sentative:					Well Type:		Gas	
Re			Darny Walzel			1	Job Type:		Well Conti	lo
			Standard Senso				Rig No:		N/A	
		of Charge				ments	Units	Unit C	Charge	Total
	100000000000000000000000000000000000000	ntrol Specia				Clayton	1			
		ol Specialis				Kopecky Walzel	1			
- 51	2-6-20-6	pecialist	4			Baggett	1			
(		ally Expens				/ J.K. / M.B.	4			
	H	otel			D.C./ D.W.	/ J.K. / M.B.	4			
		al Car					1			
	Rent	tal Car	1				1			
_										
					Estir	mated Daily Total				
						ell Summary				
tandard	Senson 2	5 has broad	hed to surface v	vith several fis						
Control of the Control		and the second second	Application of the second seco		and the second second second	5 ft. 2-7/8" tubing to	8,510 ft. Pac	cer depth 8,468 ft	t.	
Hour	Hour					Activity on	Site			
5:45	6:00		from hotel to loca	2.00						
6:00	6:30					eared location to beg	gin work. 2-7/8	" - 1,607 psi. 7"	- 217 psi,	11-34" - 32 psi.
6:30	7:00		morning safety/o	perations me	eting.					
7:00	7:45	Cleaned lo	2 July 12 200							
7:45		D		Continuity will be	IOF D	and a state of the state of	0.0	ALL THE DIGIN		
	10:30					egan mixing 22 bbl 1				ned DD 92 nei
10:30	10:30	Began pui	mping 9.4 ppg C	aCI2. Initial p	ump pressu	re - 1,645 psi. Stage	ed pumps up to	5 bpm. After 50	bbls pum	
	1 2 2 2 2 2 2	Began pur Increased	mping 9.4 ppg C pump rate to 8	aCl2. Initial p bpm. After 75	ump pressu bbls pumpe	re - 1,645 psi. Stage ed PP - 1,305 psi. G	ed pumps up to las rate from fi	5 bpm. After 50 sures increased	bbls pum followed b	y oil and brine.
	1 2 2 2 2 2 2	Began pur Increased After 170	mping 9.4 ppg C pump rate to 8 bbls pumped PP	aCl2. Initial p bpm. After 75 2 - 1,550 psi.	ump pressu bbls pumpo Pumped 19	ne - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite	ed pumps up to as rate from fi pill. Began dis	5 bpm. After 50 sures increased placing with 9.4 p	bbls pum followed b pg CaCl2	y oil and brine. at 8.0 bpm.
	1 2 2 2 2 2 2	Began pur Increased After 170 PP - 220 p	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace	aCl2. Initial p bpm. After 75 - 1,550 psi. cing 35 bbls F	ump pressu bbls pumpe Pumped 19 PP - 1,367 p	ne - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4	ed pumps up to las rate from fis pill. Began dis 15 bbls PP - 1,	5 bpm. After 50 sures increased placing with 9.4 p	bbls pum followed b pg CaCl2	y oil and brine. at 8.0 bpm.
	1 2 2 2 2 2 2	Began pur Increased After 170 PP - 220 p pressure	mping 9.4 ppg C pump rate to 8 bbls pumped PF psi. After displace 1,250 psi. (11:15	aCl2. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down.	bbls pumped 19 Pumped 19 PP - 1,367 p 2-7/8" - 0 p	ne - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite	ed pumps up to las rate from fis pill. Began dis 15 bbls PP - 1, 3/4" - 22 psl.	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis	bbls pum followed b ppg CaCl2 placing 50	y oil and brine. at 8.0 bpm. bbls pump
10:30	11:15	Began pur Increased After 170 PP - 220 p pressure ' Monitored 11-3/4" - 3	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11:11 well. Flow from 35 psi. (13:00)	aCl2. Initial p bpm. After 75 -1,550 psi. cing 35 bbls F 5) Shut down. fissures stop 2-7/8" - 220 ps	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p	ire - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi.	ed pumps up to las rate from fir pill. Began dis 15 bbls PP - 1,3 3/4" - 22 psl. gas. (12;20) 2- (14:00) 2-7/8"	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1	bbls pum followed b pg CaCl2 placing 50 sing. 7" - 90 psi. 11	y oil and brine. at 8.0 bpm. bbls pump
10:30	11:15	Began pur Increased After 170 PP - 220 p pressure Monitored 11-3/4" - 3 (15:00) 2-	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11:11 well. Flow from 35 psi. (13:00) 2 7/8" - 980 psi. 7	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	ire - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi.	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
10:30	11:15	Began pur Increased After 170 PP - 220 p pressure Monitored 11-3/4" - 3 (15:00) 2-	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
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11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	bbls pumpe bbls pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage of PP - 1,305 psi. Gbbls 18.0 ppg barite si. After displacing 4 psi. 7" - 107 psi. 11- and then began flow gpsi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 ing another barite pill	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15 14:00 14:30	14:00 14:30 14:45	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	re - 1,645 psi. Stage ed PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15	14:00 14:30 14:45	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage of PP - 1,305 psi. Gbbls 18.0 ppg barite si. After displacing 4 psi. 7" - 107 psi. 11- and then began flow gpsi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 ing another barite pill	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump
11;15 14:00 14:30	14:00 14:30 14:45	Began pur Increased After 170 PP - 220 p pressure 1 Monitored 11-3/4" - 3 (15:00) 2- Attended	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 2 - 1,550 psi. cing 35 bbls F 5) Shut down. 1 fissures stop 2-7/8" - 220 psi. 1	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage of PP - 1,305 psi. Globble 18.0 ppg barite si. After displacing 4 psi. 7" - 107 psi. 11- and then began flow gpsi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 ing another barite pill sected Operations	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump 205 psi.
10:30 11;15 14:00 14:30	14:00 14:30 14:45	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended t	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11.11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m	aCIZ. Initial p bpm. After 75 p - 1,550 psi. cing 35 bbls F 5) Shut down. fissures stop 2-7/8" - 220 psi. 1 neeting. Discu	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage of PP - 1,305 psi. Globble 18.0 ppg barite si. After displacing 4 psi. 7" - 107 psi. 11- and then began flow gpsi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 ing another barite pill ected Operations	ed pumps up to las rate from fil pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8' 159 psi. 7" - 2	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump 205 psi.
10:30 11;15 14:00 14:30	14:00 14:30 14:45	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended t	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11.15 well. Flow from 35 psi. (13.00) : 7/8" - 980 psi. 7 end of the day m to hotel.	aCIZ. Initial p bpm. After 75 p - 1,550 psi. cing 35 bbls F 5) Shut down. fissures stop 2-7/8" - 220 psi. 1 neeting. Discu	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage of PP - 1,305 psi. Globble 18.0 ppg barite si. After displacing 4 psi. 7" - 107 psi. 11- and then began flow gpsi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 ing another barite pill ected Operations	ed pumps up to las rate from fis pill. Began dis 15 bbls PP - 1, 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8 159 psi. 7" - 2 I. Will pump 3:	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump 205 psi. -3/4" - 40 psi.
10:30 11:15 14:00 14:30	14:00 14:30 14:45 ite pill_	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended t	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11:11 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day m to hotel.	aCIZ. Initial p bpm. After 75 0 - 1,550 psi. cing 35 bbls F 5) Shut down. fissures stop 2-7/8" - 220 psi. 1 neeting. Discu	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage of PP - 1,305 psi. Gl bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill ected Operations  Approvals  Print	ed pumps up to las rate from file pill. Began dis 15 bbls PP - 1,1 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8 159 psi. 7" - 2 l. Will pump 3	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump 205 psi3/4" - 40 psi.
10:30 11:15 14:00 14:30	14:00 14:30 14:45 ite pill_	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended t	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11.15 well. Flow from 35 psi. (13.00) : 7/8" - 980 psi. 7 end of the day m to hotel.	aCIZ. Initial p bpm. After 75 0 - 1,550 psi. cing 35 bbls F 5) Shut down. fissures stop 2-7/8" - 220 psi. 1 neeting. Discu	ump pressus bbls pumped 19 Pr - 1,367 pr 2-7/8" - 0 pr ped briefly asi. 7" - 190 pr 1-3/4"- 39 pr ped pumpi	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 ing another barite pill	ed pumps up to las rate from fis pill. Began dis 15 bbls PP - 1,4 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8". Will pump 3/4". Will pump 3/4".	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/6" began increa - 600 psi. 7" - 1:51 psi. 11-3/4" -	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump 205 psi. -3/4" - 40 psi.
10:30 11:15 14:00 14:30	11:15 14:00 14:30 14:45 ite pill. Signature E	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended traveled traveled t	mping 9.4 ppg C pump rate to 8 bbls pumped PP osi. After displace 1,250 psi. (11:19 well. Flow from 35 psi. (13:00) : 7/8" - 980 psi. 7 end of the day month of the to hotel.	aciz. Initial p bpm. After 75 0 - 1,550 psi. cing 35 bbls f 5) Shut down. fissures stop 2-7/8" - 220 psi. 1 neeting. Discu	pump pressur bibls pumpe Pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps resed pumpi	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill another barite pill ected Operations  Approvals  Print Danny	Name  Name  Name	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/8" began increa - 600 psi. 7" - 1 51 psi. 11-3/4" - 5 bbl 18.0 ppg ba	bbls pum followed b pg CaCl2 placing 50 ssing. 7" - 90 psi. 11 37 psi. rite pill.	y oil and brine. at 8.0 bpm. bbls pump 205 psi3/4" - 40 psi.  Date
10:30 11:15 14:00 14:30 Ump bar	11:15 14:00 14:30 14:45 ite pill. Signature E	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended traveled t	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11:1) well. Flow from 35 psi. (13:00): 7/8" - 980 psi. 7 end of the day m to hotel.  The reservation of the servation of the servati	paciz. Initial plants and page 12 plants and page 13 plants and page 13 plants and page 13 plants and page 13 plants and page 14 plants and page 1	el Hours	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill another barite pill ected Operations  Approvals  Print Danny	ed pumps up to las rate from fis pill. Began dis 15 bbls PP - 1,4 3/4" - 22 psi. gas. (12:20) 2- (14:00) 2-7/8". Will pump 3/4". Will pump 3/4".	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/8" began increa - 600 psi. 7" - 1 51 psi. 11-3/4" - 5 bbl 18.0 ppg ba	bbls pum followed b opg CaCl2 placing 50 using. 7" - 90 psi. 11 37 psi.	y oil and brine. at 8.0 bpm. bbls pump  205 psi3/4" - 40 psi.  Date  Date
10:30 11:15 14:00 14:30 Ump bar	11:15  14:00  14:30  14:45  Signature Employee Na	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended traveled traveled t	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11:1) well. Flow from 35 psi. (13:00): 7/8" - 980 psi. 7 end of the day m to hotel.  Coots Representat  Coots Represer  Hours on Locat 10.5	paciz. Initial plants and page 12 plants and page 13 plants and page 13 plants and page 13 plants and page 13 plants and page 14 plants and page 1	Proje  Proje  Proje  Proje	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill another barite pill ected Operations  Approvals  Print Danny	Name  Name  Name	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/8" began increa - 600 psi. 7" - 1 51 psi. 11-3/4" - 5 bbl 18.0 ppg ba	bbls pum followed b pg CaCl2 placing 50 ssing. 7" - 90 psi. 11 37 psi. rite pill.	y oil and brine. at 8.0 bpm. bbls pump  205 psi3/4" - 40 psi.  Date  Date
10:30 11:15 14:00 14:30 Si	11:15  14:00  14:30  14:45  ite pill  Signature E  mployee Na Danny Clayte Danny Walz	Began pur Increased After 170 PP - 220 pressure Monitored 11-3/4" - 3 (15:00) 2- Attended of Traveled t	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11:1) well. Flow from 35 psi. (13:00): 7/8" - 980 psi. 7 end of the day m to hotel.  Coots Representat  10.5 10.5	ive  ive  ive  ive  ive  inacisz  Trav	Pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps resed pumpi  Proje  Hours 0.5	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill another barite pill ected Operations  Approvals  Print Danny	Name  Name  Name	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/8" began increa - 600 psi. 7" - 1 51 psi. 11-3/4" - 5 bbl 18.0 ppg ba	bbls pum followed b pg CaCl2 placing 50 ssing. 7" - 90 psi. 11 37 psi. rite pill.	y oil and brine. at 8.0 bpm. bbls pump  205 psi3/4" - 40 psi.  Date  Date
10:30 11:15 14:00 14:30 Ump bar	11:15  14:00  14:30  14:45  ite pill.  Signature Employee National Walzames Koped	Began purincreased After 170 PP - 220 pressure f Monitored 11-3/4" - 3 (15:00) 2- Attended t Traveled t  Boots and t  me on el **y	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11:15 well. Flow from 35 psi. (13:00): 7/8" - 980 psi. 7 end of the day into hotel.  Coots Representat  10.5 10.5 10.5	ive  ive  ive  ive  ive  inacisz  Trav	Proje  Proje  Hours  0.5  0.5  0.5  0.5  0.5	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill another barite pill ected Operations  Approvals  Print Danny	Name  Name  Name	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/8" began increa - 600 psi. 7" - 1 51 psi. 11-3/4" - 5 bbl 18.0 ppg ba	bbls pum followed b pg CaCl2 placing 50 ssing. 7" - 90 psi. 11 37 psi. rite pill.	y oil and brine. at 8.0 bpm. bbls pump  205 psi3/4" - 40 psi.  Date  Date
10:30 11:15 14:00 14:30 Ump bar	11:15  14:00  14:30  14:45  ite pill  Signature E  mployee Na Danny Clayte Danny Walz	Began purincreased After 170 PP - 220 pressure f Monitored 11-3/4" - 3 (15:00) 2- Attended t Traveled t  Boots and t  me on el **y	mping 9.4 ppg C pump rate to 8 bbls pumped PP psi. After displace 1,250 psi. (11:1) well. Flow from 35 psi. (13:00): 7/8" - 980 psi. 7 end of the day m to hotel.  Coots Representat  10.5 10.5	ive  ive  ive  ive  ive  inacisz  Trav	Pumped 19 PP - 1,367 p 2-7/8" - 0 p ped briefly a si. 7" - 190 p 1-3/4"- 39 ps resed pumpi  Proje  Hours 0.5	are - 1,645 psi. Stage and PP - 1,305 psi. G bbls 18.0 ppg barite si. After displacing 4 si. 7" - 107 psi. 11- and then began flow g psi. 11-3/4" - 38 psi. si. (16:00) 2-7/8" - 1 fing another barite pill another barite pill ected Operations  Approvals  Print Danny	Name  Name  Name	5 bpm. After 50 sures increased placing with 9.4 p 500 psi. After dis 7/8" began increa - 600 psi. 7" - 1 51 psi. 11-3/4" - 5 bbl 18.0 ppg ba	bbls pum followed b pg CaCl2 placing 50 ssing. 7" - 90 psi. 11 37 psi. rite pill.	y oil and brine. at 8.0 bpm. bbls pump 205 psi3/4" - 40 psi.



						NOOTS & COOTS						
	1,000		16-Nov-2015			W	Vell Name and No		Standard Sens		Report	# 2
	Custon	ner Name:	Southern Call				С	ounty:	-	Los Angel		
Custom	ner Billing	Address:	12801 Tampa Northridge, C				C	State:		California		
		AFE #:		m, 3102			Well Lo		Aliso Ca	nyon Stora	de Facil	itv
Custon	ner Repre	sentative:						Type:	7,1112,04	Gas	9-1-0-1	.,
Re			Danny Walze					Type:		Well Conti	lo	
	Leas	e - Well #:	Standard Sen	nson 25			F	Rig No:		N/A		
		of Charge		Level		Comments		Units	Unit	Charge		Total
		ntrol Specia		4		anny Claytor		1				
		ol Specialis		4		imes Kopeck Darny Walzel		1				
51		pecialist	ler	4		Mike Baggett		1				
		ally Expens	e			D.W. / J.K. /		4				
		otel				D.W. / J.K. /		4				
		-	- 12									
		al Car						1	1			
	Rent	tal Car	1/2					1				
						Estimated I	Daily Total					
						Well Sur			- 14			
tandard	Senson 2	5 has broad	hed to surface	e with sev	eral fissures							
the second second		the second second second	and the second second second	and the second second			1-7/8" tubing to 8,5	10 ft. Pack	er depth 8,468 f	t.		
Hour	Hour						Activity on Site					
5:45	6:00	The second second	from hotel to lo									
6:00	6:30						ne North Took LE					
0.00	7.00						nt 0 - 75%. 2-7/8'				psi.	
6:30 7:00	7:00					Will wait for	I FI readings to a	decrease be	fore starting equ		i mating in	- AL - 22
7:00	13:00	Continued	i monitorina i i			Olassad a the		Very fau laur	ma antication 1	Cilled bear		
	20143						ne unit in preparat					
	34148	bbls fresh	water. Transp	ported ba	rite pill mate							
13:00	13:30	bbls fresh Continued	water. Trans	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat	e pill progra	m and submitted	to SCGC	for revie	eW.
13:00		bbls fresh Continued Operation	water. Trans	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
13:00		bbls fresh Continued Operation	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat 5. Prepared barit	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	fals to pad 25	ne unit in preparat	e pill progra	m and submitted	to SCGC	for revie	eW.
13:30	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	ials to pad 2	ne unit in preparat	e pill progra	m and submitted	to SCGC	for revie	eW.
	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	fals to pad 25	ne unit in preparat	e pill progra	m and submitted	to SCGC	for revie	eW.
13:30	13:30	bbls fresh Continued Operation psi. 11-3/	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar	rite pill mate nd location.	rials to pad 29 LEL levels.  Projected O	ne unit in preparat  5. Prepared barit  Assisted with DO	e pill progra	m and submitted	to SCGC	for revie	eW.
13:30	13:30 13:45	bbls fresh Continued Operation psi. 11-3/ Traveled t	water. Trans d cleaning equ s were shut do 4" - 33 psi.	ported ba ipment ar own for th	rite pill mate nd location.	fals to pad 25	ne unit in preparat  5. Prepared barit  Assisted with DO	e pill progra	m and submitted	to SCGC	for revie	-211
13:30	13:30 13:45	bbls fresh Continued Operation psi. 11-3/ Traveled t	water. Transid cleaning equilis were shut do '4" - 33 psi. to hotel.	ported ba ipment ar own for th	rite pill mate nd location.	rials to pad 29 LEL levels.  Projected O	ne unit in preparat  5. Prepared barit  Assisted with DO  Derations	e pill progra	m and submitted	to SCGC	for revie	-211
13:30	13:30 13:45 ite pill_	bbls fresh Continued Operation psi. 11-3/ Traveled I	water. Trans, deleaning equises were shut do 4" - 33 psi. to hotel.	ported ba alpment ar own for th	rite pill mate nd location.	rials to pad 29 LEL levels.  Projected O	Departions  Print Na  Prepared barit  Assisted with DO  Departions	e pill progra	m and submitted	to SCGC	psi. 7"	-211 -211
13:30 ump bari	13:30 13:45 ite pill_	bbls fresh Continued Operation psi. 11-3/ Traveled I	water. Transid cleaning equilis were shut do '4" - 33 psi. to hotel.	ported ba alpment ar own for th	rite pill mate nd location.	rials to pad 29 LEL levels.  Projected O	Departions  Departions  Print Na  Print Na	re pill progra	m and submitted	to SCGC	for revie	-211 -211
13:30 ump bari	13:30 13:45 ite pill. Signature E	bbls fresh Continued Operation psi. 11-3/ Traveled t	water. Transide cleaning equits were shut do 4" - 33 psi. to hotel.	tative	rite pill mate nd location. e day due to	Projected O	Departions  Print Na Danny Wa	re pill progra	am and submitted	d to SCGC /8" - 1,696	psi. 7"	-211 -211
13:30 ump bari	13:30 13:45 ite pill. Signature E	bbls fresh Continued Operation psi. 11-3/ Traveled t	water. Transide cleaning equives were shut do 4" - 33 psi. to hotel.	tative	rite pill mate nd location. e day due to	Projected O	Departions  Print Na Danny Wa	re pill progra	am and submitted	to SCGC	psi. 7"	-211 -211
13:30  Lump bari	13:30 13:45 13:45 Signature Employee Na	bbls fresh Continued Operation psi. 11-3/ Traveled t	water. Transide cleaning equivalent water shut do 4" - 33 psi. to hotel.  Coots Represent  Coots Represent  Hours on Loc.  7.5	tative	rite pill mate nd location. e day due to Travel Hou	Projected O	Departions  Print Na Danny Wa	re pill progra	am and submitted	d to SCGC /8" - 1,696	psi. 7"	-211 -211
13:30 Si	13:30 13:45 13:45 Signature Employee Na	bbls fresh Continued Operation psi. 11-3/ Traveled t  are Gustorn Boots and t  me on el	water. Transide cleaning equivalent swere shut do 4" - 33 psi. to hotel.  Coots Represent Hours on Loc 7.5	tative	rite pill mate nd location. e day due to Travel Hou 0,5 0,5	Projected O	Departions  Print Na Danny Wa	re pill progra	am and submitted	d to SCGC /8" - 1,696	psi. 7"	-211 -211
13:30 Si Er	13:30 13:45 13:45 Signature Employee National Clayton Danny Walzames Kopeo	bbls fresh Continued Operation psi. 11-3/ Traveled t  are Gustorn Boots and t  me on el **y	water. Transide cleaning equivalent swere shut do 4" - 33 psi. to hotel.  Coots Represent  Hours on Loc 7.5 7.5	tative	Travel Hour 0,5 0,5 0,5	Projected O	Departions  Print Na Danny Wa	re pill progra	am and submitted	d to SCGC /8" - 1,696	psi. 7"	-211 -211
13:30  Si  Er	13:30 13:45 13:45 Signature Employee Na	bbls fresh Continued Operation psi. 11-3/ Traveled t  are Gustorn Boots and t  me on el **y	water. Transide cleaning equivalent swere shut do 4" - 33 psi. to hotel.  Coots Represent Hours on Loc 7.5	tative	rite pill mate nd location. e day due to Travel Hou 0,5 0,5	Projected O	Departions  Print Na Danny Wa	re pill progra	am and submitted	d to SCGC /8" - 1,696	psi. 7"	-211 -211



						OTE & COOTS SETUNDED					
		Date:	17-Nov-2015			-	and Number:	Standard Se	nson 25	Report #	2
	Custom	er Name:	Southern Cali			1	County:		Los Angel		1
Custome	r Billing	Address:	12801 Tampa		328		State:		Californi	3	
12-4		AFE #:	Northridge, C	A, 91326		10	/ell Location:	Alles	USA Canyon Stora	ran English	_
Customs	er Renre	sentative:				VV	Well Type:	Aliso	Gas	age Facility	
			Danny Walzel			1	Job Type:		Well Cont	rol	
			Standard Sen				Rig No:		N/A		
Des	scription	of Charge	es: L	evel	Com	ments	Units	Un	it Charge	To	tal
		trol Specia		4	-	Clayton	1				
		ol Specialis		4		Kopecky	1	- 3			
Sr. V		trol Engine pecialist	per	4		y Walzel Baggett	1				
Ge		ily Expens	e	-		. / J.K. / M.B.	4				
		otel				. / J.K. / M.B.	4				
			- 1								
		al Car					1				
	Rent	al Car	100				1				
				- 1	Esti	imated Daily Tota	1				
						Vell Summary					
andard S	enson 25	has broad	hed to surface	with seven	al fissures on p	ad site.			3.5		
						45 ft. 2-7/8" tubing	g to 8,510 ft. Pack	er depth 8,46	8 ft.		
Hour	Hour					Activity	on Site				
5:45	6:00	1.10	from hotel to lo		State of the state		8-10-1	1 = 1			
6:00	6:30					out of the North T				00%.	
			25 ft from well 668 psi. 7" - 20			uipment 0 - 77%.	Winds out of the	10rth 40 - 50 r	npn.		
6:30	7:00					sion was made to	wait for LFL levels	to subside be	fore starting	equipment	
7:00	11:00		HAL and T&T					de la manage de	140-140-110	a danhaman	
				cialic perso	nnel to wellsite	to inspect equipm	ent.				
11:00	14:00		h B&C Housto	n about reli	ef well trajector	ies. Provided surf	ace locations and				
11:00	14:00 14:30	Escorted I	h B&C Housto DOGGR repres	n about reli sentatives t	ef well trajector o Well 25 for af	ics. Provided surfi ternoon survey. D	ace locations and lecision was made	to end operat	tions for the d		EL
14:00	14:30	Escorted I levels. 2-	h B&C Housto DOGGR repres 7/8" - 1,688 ps	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ies. Provided surf ternoon survey. D 2 psi. Secured lo	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
14:00	14:30 15:00	Escorted I levels. 2- Attended	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ics. Provided surfi ternoon survey. D	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
14:00	14:30 15:00	Escorted I levels. 2-	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ies. Provided surf ternoon survey. D 2 psi. Secured lo	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
14:00	14:30 15:00	Escorted I levels. 2- Attended	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ies. Provided surf ternoon survey. D 2 psi. Secured lo	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
	14:30 15:00	Escorted I levels. 2- Attended	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ies. Provided surf ternoon survey. D 2 psi. Secured lo	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
14:00	14:30 15:00	Escorted I levels. 2- Attended	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ies. Provided surf ternoon survey. D 2 psi. Secured lo	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
14:00	14:30 15:00	Escorted I levels. 2- Attended	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3:	ies. Provided surf ternoon survey. D 2 psi. Secured lo	ace locations and ecision was made cation. Placed ab	to end operat	tions for the d		EL
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14:00	14:30 15:00 15:15	Escorted I levels. 2- Attended	h B&C Housto DOGGR repre: 7/8" - 1,688 ps end of the day	n about reli sentatives to i. 7' - 209 p	ef well trajector o Well 25 for af psi. 11-3/4" - 3; th state agency	ies. Provided surfi ternoon survey. D 2 psi. Secured lou representatives al	ace locations and Decision was made cation. Placed about	to end operat	tions for the d		EL
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14:00 14:30 15:00	14:30 15:00 15:15	Escorted I levels. 2- Attended d Traveled t	th B&C Housto DOGGR repres 7/8" - 1.688 ps end of the day to hotel.	n about relisentatives to i. 7' - 209 i meeting wil	ef well trajector o Well 25 for af psi. 11-3/4" - 3; th state agency	ics. Provided surfiternoon survey. D 2 psi. Secured lourepresentatives al	ace locations and decision was made cation. Placed about SCGC.	to end operat	tions for the d	ss road.	EL
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Dustine (19-Nov-2015)	Customer Name: Southern Californa Gas Company Date form Page 19					4	TE & COOTS SERVED			
Cast Commer   Billing Address   Cast Commer   Cast Comme	Date tomer Billing Address ARE #1  Ustioner Representative:   Well Location: Alice Carryon Storage Facility Ustioner Representative:   Well Type: Gas Report Generated By:   Darry Waizel		Date:	19-Nov-20	15	To comment of the	Well Name an	d Number:	Standard Senson 25	Report#   2
AFE R:    Well Location: Alice Carryon Storage Facility   Well Carter Representative:   Well Location: Alice Carryon Storage Facility   Lesse - Well R; Standard Senson 25   Well Control   Lesse - Well R; Standard Senson 25   NA     Description of Changes: Level   Comments   Units   Unit Charge     Sir Well Control Specialist   4   Damy Clayton   1     Well Control Specialist   4   Damy Clayton   1     Well Control Engineer   4   Damy Clayton   1     Well Control Engineer   4   Damy Wazel   1     Sir Well Control Engineer   4   Damy Wazel   1     Well Control Engineer   4   Damy Wazel   1     Well Control Engineer   4   Damy Wazel   1     Well Summary   1     General Daily Exponse   D.C./ D.W. / J.K. / W.B.   4     Hotel   D.C./ D.W. / J.K. / W.B.   4     Well Summary   Well Summary   1     Well Summary   2     Well Summary   2     Well Summary   2     Well Summary   3     Well Summary   3     Well Summary   3     Well Summary   4     Well Summary   5     Well S	Agriculture Sample Country: Mortinidge, CA, 91326 Country: Mortinidge, CA, 91326 Will Location: Also Carryon Storage Facility Useful Type: Gas Well Located By: Darry Walzel Well Type: Qas Report General By: Darry Walzel Job Type: Well Control No. 1 Charges: Level Control Specialist A Darry Clayson 1 Units Unit Charge Total Str. 1 Charges Country: Well Control Specialist A Darry Clayson 1 Units Unit Charge Total Str. 1 Charges Total Mile Basocett 1 Str. 1 Charges Total Mile Basocett 1 Mile Basocett 1 Mile Specialist A Mile Basocett 1 Mil	Custome	er Name:	A SECTION OF A			( Table 19 )	County:	Los Angeles	S
AFE R	AFE II. Control   AFE   Common   AFE   Common   After   After	ustomer Billing A	Address:							
Justomer Representative:  Report Generated By:   Darry Waize    Job Type:   Well Control   Lease - Well #;   Standard Senson 25   Rig No:   N/A   Description Of Changes:   Level   Comments   Units   Unit Charge   St. Well Control Specialist   4   Darry Clayton   1   Well Control Specialist   4   Darry Clayton   1   St. Well Control Specialist   4   Darry Waizel   1   St. Well Control Engineer   4   Darry Waizel   1   St. Well Control Engineer   4   Darry Waizel   1   St. Well Control Engineer   4   Darry Waizel   1   General Daily Expense   D.C./ D.W. / J.K. / M.B.   4   Hotel   D.C./ D.W. / J.K. / M.B.   4   Hotel   D.C./ D.W. / J.K. / M.B.   4   Hotel   D.C./ D.W. / J.K. / M.B.   4   Rental Car   1   1   1   1   1   1   1   Rental Car   1   1   1   1   1   Rental Car   1   1   1   1   1   1   1   Rental Car   1   1   1   1   1   Rental Car   1   1   1   1   1   Rental Car   1   1   1   1   1   1   Rental	Seport General By: [Darry Waize] Job Type: Well Control  Lease - Well # [Standard Senson 25	actionity entities :			CA, 913	26				
Report Generated By: Darry Waizel Lease - Well #; [Standard Senson 25   Rig foc: NIA  Description of Charges: Level   Comments   Units   Unit Charge   Total  Sr. Well Control Specialist   4   Danny Clayton   1  Well Control Specialist   4   Danny Clayton   1  Well Control Specialist   4   Danny Clayton   1  HSE Specialist   4   Mike Baggett   1  General Daily Expense   D.C./ D.W. / J.K. / M.B.   4  General Daily Expense   D.C./ D.W. / J.K. / M.B.   4  Rental Car   1  Rental	Report Generated By:   Darry Waizel   Job Type:   Well Control   Lease - Well (Standard Senson 25   Rig flot)   N/A   Description of Charges:   Level   Comments   Units   Units   Unit   Well Control Specialist   4   Darry Clayson   1   Well Control Specialist   4   James Ropecky   1   Well Control Specialist   4   James Ropecky   1   Hell: Specialist   4   Mile Baggett   1   Hell: Specialist   4   Mile Baggett   1   Hell: Specialist   4   Mile Baggett   1   General Daily Expense   D.C./ D.W. / J.K. / M.B.   4   Helt   D.C./ D.W. / J.K. / M.B.   4   Rontal Cer   1   Total   Rental Cer   1   Total   Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size. Well Summary   Grant Senson 25 has broached to surface with several Issures on pad size.    Bourt		The second secon					Control of the Contro		e Facility
Lease - Well #; Islandard Senson 25   Rig No:   N/A	Description Changes: Level Cornments Units Dirit Charges: Unit Charges Sr. Well Control Specialist 4 Damy Clayton 1 Sr. Well Control Specialist 4 Damy Clayton 1 Sr. Well Control Engineer 4 Damy Wated 1 Sr. Well Structure Sr. Well Structure 1 Sr. Well Structure Sr. Well Structure 1 Structure				lant					1
Description of Charges: Level Comments Units Fix Well Control Specialist 4 Danny Clayton 1 Well Control Specialist 4 Jannes Kopecky 5 N. Well Control Specialist 4 Mike Bagoett 1 NSE Specialist 4 Mike Bagoett 1 Septimized Danny Make Bagoett 1 Septimized Danny Clayton 1 Septimized Danny J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Wake Book J. J. K. J. M. B. 4 Dorry Make Book J. J. K. J. M. B. 4 Dorry Make Book J. J. K. J. M. B. 4 Dorry Make Book J. J. K. J. M. B. 4 Dorry Make Book J. J. K. J. M. B. 4 Dorry Make Book J. M. B. 4 Dorry Make Book J. J. M. B. 4 Dorry Make Book J. M. B. 4 Dorry Make Book J. J. M. B. 4 Dorry Make Book J. M. B. 5 Darry Wake B	Description of Charges: Level Comments Units Unit Charge Total Str. Well Control Specialist 4 Damy Clayton 1 Well Control Specialist 4 James Ropecky 1 HSE Specialist 4 Darry Wazel 1 HSE Specialist 4 Mike Bappett 1 HSE Spec									4.
Sir. Well Control Specialist 4 James Ropely 1 Sir. Well Control Engineer 4 Darry Watzel 1 Sir. Well Control Engineer 5 Darry Watzel 1 Sir. Well Control Engineer 6 Darry Watzel 1 Sir. Well Control En	Sir. Well Control Specialist 4 James Ropely 1 Sir. Well Control Engineer 4 Darry Wazel 1 Sir. Well Control Engineer 1 Sir. Well Control Engineer 4 Sir. Well Control Engineer 1				1	Com	ments			Total
Well Cortrol Spocialist 4 James Ropecky 1 SE Spocialist 4 Darry Watzel 1 HSE Spocialist 4 Mike Baggett 1 HSE Spocialist 4 Mike Baggett 1 General Daily Expense DC J DW, / J.K. / M.B. 4 DC J DW, / J.K. / M.B. 4 Rental Car 1 Rent	Well Cortrol Spocialist 4 James Kopeley 1  HSE Specialist 4 Mike Baggett 1  HSE Specialist 4 Mike Baggett 1  General Daily Expense DC / JW. / JK. / M.B. 4  General Daily Expense DC / JW. / JK. / M.B. 4  Rental Car 1  Rental Car 1  Rental Car 1  Rental Car 1  General Car 1  Rental C							_	- One onotice	1010
Seneral Daily Expense	Genéral Daily Expense D.C./ D.W. / J.K. / M.B. 4  Hotel D.C./ D.W. / J.K. / M.B. 4  Rontal Car 1  Rental Car 1  Rental Car 1  Rental Car 1  Rental Car 1  Bestimated Daily Total Well Summary  dard Senson 25 has broached to surface with several fissures on pad site.  **Well Summary  dard Senson 25 has broached to surface with several fissures on pad site.  **We' Casing to 8,685 ft. 5-1/2* slotted liner to 8,745 ft. 2-1/6* tubing to 8,510 ft. Packer depth 8,466 ft.  **We' I Hour 1  Bour 1  Bour 1  Estimated Daily Total Well Summary  dard Senson 25 has broached to surface with several fissures on pad site.  **We' Casing to 8,685 ft. 5-1/2* slotted liner to 8,745 ft. 2-1/6* tubing to 8,510 ft. Packer depth 8,466 ft.  **Activity on Site 1  **Activity on Site 1  **LE Liver 25 feet from well -0 to 100%. LEL level around equipment 0-85%. 2-7/6* -138 pai. 17-2/10 pai. 11-3/4* -28 psi. 100 psi. 11-3/							1		
Seneral Daily Expense	Seneral Daily Expense	Sr. Well Contr	rol Engine	er	4	Danny	Walzel	1		
Rental Car  Rental Car  Estimated Daily Total Well Summary  **Gaing to 960 ft. 7" casing to 6,595 ft. 5-12" slotted liner to 6,745 ft. 2-7.6" tubing to 8,510 ft. Packer depth 5,466 ft.  **Our Hour Performed site assessment. Winds predominately out of the North. Took LEL readings. LEL level at the cellar - 100%.  Estimated Daily Total Well Summary  **Gaing to 960 ft. 7" casing to 6,595 ft. 5-12" slotted liner to 6,745 ft. 2-7.6" tubing to 8,510 ft. Packer depth 5,466 ft.  **Our Hour Performed site assessment. Winds predominately out of the North. Took LEL readings. LEL level at the cellar - 100%.  Estimated Daily Total Well Summary  **Activity on Site  **Activity on Site  **Activity on Site  **LEL level 25 feet from well - 0 to 100%. LEL evel around equipment 10 - 59%, 2-7/6" - 138 pst. 7" - 210 pst. 11-34" - 28 pst. 30 - 700.  13:00 Began ringing down batch mixer and pump truck. Cleaned equipment. Moved out batch mixer for clearing. Began making up. 2-7/6" pump line from SS-1 to 52-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:17" pump line.  2:16" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.  2:16" pump line pump line.  2:1	Hotel DC/DW, /J.K./M.B. 4  Rontal Car 1  Rental Car 1  Estimated Daily Total Well Summary  dard Senson 25 has broached to eurlace with several fissures on pad etile.  Well Summary  dard Senson 25 has broached to eurlace with several fissures on pad etile.  Well Summary  dard Senson 25 has broached to eurlace with several fissures on pad etile.  Well Summary  dard Senson 25 has broached to eurlace with several fissures on pad etile.  Activity on Site  Activity on Site  Activity on Site  LEL level 25 feet from well - 0 to 100%. LEL level around equipment 0 - 85%, 2-76% - 136 pat, "2-210 ps. 11-54% - 28 ps.  LEL level 25 feet from well - 0 to 100%. LEL level around equipment 0 - 85%, 2-76% - 136 pat, "2-210 ps. 11-54% - 28 ps.  LEL level 25 feet from well - 0 to 100%. LEL level around equipment 0 - 85%, 2-76% - 136 pat, "2-210 ps. 11-54% - 28 ps.  1300 Pertormed site assessment Winds predominately out of the North. Took LEL readings. LEL level at the cellar - 100%.  1310 Begain rigging down batch mixer are pump truck. Cleaned equipment. Bloved out batch mixer for cleaning. Begain making up.  1320 Pertormed site assessment with the cellar - 100%. LEL level around equipment. Bloved out batch mixer for cleaning. Begain making up.  1320 Pertormed site assessment with read and pump truck. Cleaned equipment. Bloved out batch mixer for cleaning. Begain making up.  1320 Pertormed site assessment with read and pump truck. Cleaned equipment. Bloved out batch mixer for cleaning. Begain making up.  1320 Pertormed site assessment with read and pump truck. Cleaned equipment. Bloved out batch mixer for cleaning begain making up.  1320 Pertormed site assessment with read and pump truck. Cleaned equipment. Bloved out batch mixer for cleaning pertormed site assessment. Winds predictions for the North Total Read Pertormed Site assessment. Winds predictions for the North Total Read Pertormed Site.  1320 Pertormed site assessment. Winds predictions for the North Total Read Pertormed Site.  1320 Pertormed site.  1320 Pertormed site.  1	HSE Spe	ecialist		4	Mike	Baggett	1		
Rental Car	Rontal Car					E 2 7 E (1)				
Rental Car  Rental Car  Rental Car  Estimated Daily Total  Well Summary  ridiard Senson 25 has broached to surface with several fissures on pad site.  346 casing to 990 ft. 7" casing to 9,565 ft. 5+1/2" slotted liner to 8,74 ft. 12-1/8" tubing to 8,510 ft. Packer depth 8,466 ft.  150	Rontal Car Rental Car			e						
Estimated Daily Total  Well Summary  rolard Senson 25 has broached to eurface with several lissures on pad site.  34° casing to \$60 ft. 7' casing to \$6,585 ft. 5-12° slotted liner to 8,745 ft. 2-7/8° tubing to 8,510 ft. Packer depth 8,468 ft.  lour   Hour   Hour   Activity on Site  456   6.00   Travelod from hotal to location.  800   630   Performed site assessment. Winds predominately out of the North. Took LEL readings. LEL level at the cellar - 100%.  12. LEL level 25 feet from well - 10 to 100%. LEL level around equipment 0 = 55%. 2-7/8° - 138 psi. 7' - 210 psi. 11-34" - 28 psi.  800   7:00   Altended morring safetyloperations meeting. Discussed clearing equipment and moving equipment to SS-1.  901   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	Estimated Daily Total   Well Summary	1100	C1			D.C.7 D.W.	7 J.N. 7 WI.D.	+	-	
Estimated Daily Total  Well Summary  rotard Senson 25 has broached to eurface with several fissures on pad site.  34° casing to \$60 ft. 7" casing to \$6,585 ft. 6-12" slotted liner to \$.745 ft. 2-7/8" tubing to \$,510 ft. Packer depth \$.468 ft.  bour   Hour   Hour   Activity on Site  546   6.00   Traveled from hotel to location.  500   630   Performed site assessment. Winds predominately out of the North. Took LEL readings. LEL level at the cellar - 100%.  500   630   Performed site assessment Winds predominately out of the North. Took LEL readings. LEL level at the cellar - 100%.  501   LEL level 25 fteet from well - 10 to 100%. LEL level around equipment 0 - 35%. 2-76" - 138 psi. 7" - 210 psi. 11-34" - 26 psi. 1300   Segan ingring down batch mixer and pump truck. Cleaned equipment. Bloved out batch mixer for clearing segan making up 2-70" pump line from S3-1 to S3-25. Prepared S5-1 for equipment. Completed pump line.  1400   17:00   14:00   Installed night cap with pressure gauge on S5-25. Tubing pressure 1,000 psi. 1-rouble shoot manifold tubing pressure gauge.  1400   17:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00   18:00	Estimated Daily Total   Well Summary	Rental	Car		1			1		
Well Summary  Add Senson 25 has broached to surface with several fissures on pad site.  3/4" casing to 990 ft. 7" casing to 6,585 ft. 3-1/2" slotted liner to 8,745 ft. 2-7/8" tubing to 8,510 ft. Packer depth 8,468 ft.    Hour	Well Summary							1		
Well Summary  Add Senson 25 has broached to surface with several fissures on pad site.  3'4' casing to 950 ft. 7" casing to 6,585 ft. 5-1/2" slotted liner to 8,745 ft. 2-7/8" tubing to 8,510 ft. Packer depth 8,468 ft.    Hour	Well Summary									
Well Summary  Add Senson 25 has broached to surface with several fissures on pad site.  3/4" casting to 990 ft. 7" casing to 6,585 ft. 3-1/2" slotted liner to 8,745 ft. 2-7/8" tubing to 8,510 ft. Packer depth 8,468 ft.    Hour	Well Summary									
ridard Senson 25 has broached to surface with several fissures on pad site.  3'4' casing to 990 ft. "ricesing to 4505 ft. "5-1/2" slotted liner to 8,745 ft. 2-7/8" tubing to 8,510 ft. Packer depth 8,468 ft.    Hour   Hour   Activity on 5ite   Activity on 5ite	Address   Assert									
Note	No.   Projected Operations						STATE OF STA			
Hour   School   Hour   School   Hour   School   Hour   School   Hour   School   Hour	Hour   Hour   Activity on Site							- D F40 0 0	1-23-34-6	
Side   Side   Traveled from hotel to location   Side   Side   Traveled from hotel to location   Side   Side   Traveled from hotel to location   Side   Sid	1.545   6.00   Traveled from hotal to location   Forester   Fore		π. /" cas	sing to 8,58	5 ft. 5-1/2"	slotted liner to 8,7			cker depth 8,468 ft.	
EEL level at the cellar - 100%	Body		essayes.	Constant	to the same		Activity or	Site		
LEL Level 25 feet from well – 0 to 100%. LEL level around equipment 0 - 85%. 2-7/8" – 138 psi. " – 210 psi. 11-3/4" - 28 psi. 33.0 7.00 Attended morning safety/operations meeting. Discussed cleaning equipment and moving equipment to SS-1.  700 13:00 Began riging down batch mixer and pump truck. Cleaned equipment. Moved out batch mixer for cleaning. Began making up 2-7/8" pump line from SS-1 to SS-25. Prepared SS-1 for requipment. Completed pump line.  3:00 14:00 Installed right cap with pressure gauge on SS-25. To SS-25. Prepared SS-1 for requipment. Completed pump line.  4:00 17:00 Moved 2 500 bbls frac tanks, batch mixer and HAL Eitle pump truck to SS-1 Continued cleaning equipment at SS-25.  7:00 17:15 Traveled to hotel.  Projected Operations  Approvals  Print Name Date  Signature Customer Representative Print Name Date  Signature Boots and Coots Representative Print Name Date  Employee Name Hours on Location Travel Hours  Danny Walzel 11 0.5  Danny Walzel 11 0.5  James Kopacky 11 0.5	LEL level 25 feet from well - 0 to 100%. LEL level around equipment 0 - 85%. 2-7/8" - 138 psi. 7" - 210 psi. 11.344" - 28 psi. 330 7.00		11000 1 1000 2000			de predaminatali	out of the Marth. To	ak I El madies	is I El loyel at the poller 40	Nº4
7.00	7:00 Attended morning safety/operations meeting. Discussed cleaning equipment and moving equipment to SS-1. 7:00 13:00 Began rigging down batch mixer and pump truck. Cleaned equipment. Moved out batch mixer for cleaning. Began making up 2-7/8" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line. 7:00 14:00 14:00 Moved 2 500 bbls frac tanks, batch mixer and HAL Elite pump truck to SS-1. Continued cleaning equipment at SS-25. 7:00 17:15 Traveled to hotel.  Projected Operations  **Traveled to hotel**  **Projected Operations**  **Traveled Ope									
13:00   Began riaging down batch mixer and pump truck. Cleaned equipment. Moved out batch mixer for cleaning. Began making up 2-7/6" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.	13:00   Began rigging down batch mixer and pump truck. Cleaned equipment. Moved out batch mixer for cleaning. Began making up 2-7/6" pump line from SS-1 to SS-25. Prepared SS-1 for equipment. Completed pump line.									r zo pai.
14:00 Installed night cap with pressure gauge on SS-25. Tubing pressure 1,600 psi. Trouble shoot manifold tubing pressure gauge.  17:00 Invested 2 500 bbls frac tanks, batch mixer and HAL Elite pump truck to SS-1. Continued cleaning equipment at SS-25.  17:15 Traveled to hotel.  Projected Operations  Intinue moving equipment to SS-1.  Approvals  Signature Customer Representative  Print Name  Date  Darny Walzel  Employee Name  Hours on Location  Travel Hours  Danny Walzel  11 0.5  Darny Walzel  11 0.5  James Kopecky  11 0.5	14:00   Installed night cap with pressure gauge on SS-25. Tubing pressure 1,000 psi. Trouble shoot manifold tubing pressure gauge.   4:00   17:00   Moved 2 500 bbls frac tanks, batch mixer and HAL Elite pump truck to SS-1   Continued cleaning equipment at SS-25.   Traveled to hotel	7:00 13:00 E	Began rig	ging down b	atch mixer	and pump truck. (	Cleaned equipment.	Moved out ba	tch mixer for cleaning. Began	making up
Approvals   Signature Customer Representative   Print Name   Date	17:00   Moved 2 500 bbls frac tanks, batch mixer and HAL Elite pump truck to SS-1   Continued cleaning equipment at SS-25.   17:15   Traveled to hotel.									
17:00   17:15   Traveled to hotel.	Projected Operations  If in a proving equipment to SS-1.  Approvals  Signature Customer Representative  Print Name Date  Signature Boots and Coots Representative  Print Name Date  Danny Walzel  Employee Name Hours on Location Danny Walzel James Kopacky J									
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		and the second second	All the last and the second se		and the second second second second	45 ft. 2-7/8" tubing to 8,5	510 ft. Packe	er depth 8,468 ft.		
Hour	Hour					Activity on Sit	e			
5:45	6:00	Traveled f	from hotel to loc	ation.						
6:00	6:30					out of the North Took L				
						around equipment 0 - 10		1,597 psi. 7" - 1	99 psi. 1	1-3/4" - 34 psi.
6:30	7:00	-				ussed pumping barite pil		augus des Ferres		Talaca e P
7:00	8:00					p, frac tanks, and batch i	nixer. Begar	preparing location	on for equ	upment.
9:00	9:00		monitoring LEI							
0.00				() and harte	nill Regard	umping 9.4 ppg CaCla d	own tubing	Began numning	at 0.5 has	n Pumn
-	10,00					oumping 9.4 ppg CaCl2 d				
	(0,00	pressure -	-1,650 psi. Sta			oumping 9.4 ppg CaCl2 d er 50 bbls pump pressur				
10:00	10:15		-1,650 psi. Sta tubing.							
10:00 10:15		pressure - unloaded Held PJSI Began pur	- 1,650 psi. Sta tubing. M. mping 9.4 ppg (	ged pumps to CaCl2, Stage	o 5 bpm. Aft	er 50 bbls pump pressur to 6.0 bpm. PP - 125 ps	e - 65 psi. S si. At 45 bbls	hut down. Perfor	ations cle	ear. Well
A	10:15	pressure - unloaded Held PJSI Began pui Observed	- 1,650 psi. Sta tubing. M. mping 9.4 ppg 0 brine and oil fro	ged pumps to CaCl2, Stage om fissure. A	o 5 bpm. Aft ed pumps up After 65 bbls i	er 50 bbls pump pressur to 6.0 bpm. PP - 125 ps pumped increased pump	e - 65 psi. S si. At 45 bbls rate to 8 bpr	pumped gas inci n. PP - 225 psi.	reased fro	om fissure,
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11:00	10:15 11:00 16:30	pressure - unloaded Held PJSI Began pui Observed increased 1,838 psi. with 13 bb PP - 74 ps Monitored 2-7/8" - 80 7" - 240 pt 11-3/4" - 3 Spotted si	- 1,650 psi. Statubing. M. mping 9.4 ppg 0 brine and oil fro to 987 psi. Afte At 230 bbls pu bls at 8.0 bpm. si. Pumped 10 l well. 2-7/8" - 3 0 psi. 7" - 150 p si. 11-3/4" - 34 32 psi. lickline unit. Cle	caCl2. Stage om fissure. A er 100 bbls p mp PP - 1,83 PP - 1,833 p bbls at 1 bpn 6 psi. 7" - 19 si. 11-3/4" - psi. (15:30)	ed pumps up Mer 65 bbls j umped PP - 30 psi. Winds si. Pumped 1 1. PP - 68 ps 90 psi. 11-3/ 40 psi. (13:3 2-7/8" - 108	to 6.0 bpm. PP - 125 ps pumped increased pump 1,116 psi. After 130 bbls s began shifting out of the 17 bbls at 6.0 bpm. Pum si. Total volume displace (4" - 48 psi. (11:30) 2-7/8 30) 2-7/8" - 90 psi. 7" - 2	e - 65 psi. S si. At 45 bbls rate to 8 bpr s pumped inc e North. Pum p pressure 1 ed 50 bbls. S 8" 45 psi. 7" 120 psi. 11-3 4" - 38 psi. (1	pumped gas income. PP - 225 psi. reased pump rate ped 35 bbl 18,0 23 psi. Pumped hut down. Pumped 175 psi. 11-3/4/4" - 40 psi. (14:36:30) 2-7/8" - 110	reased from At 70 bble to 9.0 bpp barited 10 bbls and pressure " - 40 psi. 30) 2-7/8"	ear. Well om fissure, ls pumped PP pm. PP - e pill. Displaced t 4 bpm. t 0 psi. (12;30)
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		Date:	20-Nov-2015			Well Name a	nd Number:	Standard Sense	on 25	Report #   2
	Custon		Southern Cali	ifornia Gas (		( ) = T	County:		Los Angele	and the first of the second
Custom	er Billing	Address:	12801 Tampa		328		State:		California	
	2711	AFE #:	Northridge, C	A, 91326		10/	Country:	Alica Car	USA nyon Storag	o Enellity
Custon	er Repre	sentative:				VV	Well Type:	Aliso Ca	Gas	le raciity
			Danny Walzel	1			Job Type:		Well Contro	il.
			Standard Sen				Rig No:		N/A	
De	scription	of Charge	es: L	evel	Com	ments	Units	Unit C	harge	Total
		ntrol Specia		4		Clayton	1			
		ol Specialis		4		Kopecky	1			
Sr		ntrol Engine pecialist	er	4		y Walzel Baggett	1 1	-		
	HSES	pecialist		-	WIKE	Daggen				
C	General Da	aily Expens	e		D.C./ D.W.	/ J.K. / M.B.	4	-		
		otel	-3 =		D.C./ D.W.	/ J.K. / M.B.	4			
							1			
		al Car					1			
_	Rent	al Car					1			
							1			
					Esti	imated Daily Total				
						Vell Summary				
andard :	Senson 25	has broad	hed to surface	e with sever	al fissures on p					
						45 ft. 2-7/8" tubing	to 8,510 ft. Pac	ker depth 8,468 ft		
Hour	Hour					Activity of	n Site			
5:45	6:00	11001 1 100 000	from hotel to lo	- Carrier III						
6:00	6:30					out of the North. T				
0.00	7.00					around equipment	0 - 100%. 2-7/8"	-1,630 psi. 7" -1	208 psi. 11	-3/4" - 26 psi.
6:30 7:00	7:00		morning safety				ar rier	de se securio es es		
	7.20					histor from antoning				
1 2 2 2	7:30					hicles from entering		ing across road.		
7:30	11:30	Modified r	manifold on we	ell 25 to allow	w flowing 2-7/8"	hicles from entering tubing to withdraw		ing across road,		
1 7 2 2		Modified r Escorted I Checked p	manifold on we ER team to par pressure on W	ell 25 to allowed 25 for ass	w flowing 2-7/8" sessment.		line.		" - 2,300 ps	i. 8-5/8" -
7:30 11:30 12:00	11:30 12:00 13:00	Modified r Escorted I Checked p 1,850 psi.	manifold on we ER team to pa pressure on W	ell 25 to allow d 25 for ass /ell 25A: 2-	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8	tubing to withdraw	line. ecked pressure o	n well 25B: 2-7/8		
7:30 11:30	11:30 12:00	Modified r Escorted I Checked r 1,850 psi. Moved in	manifold on we ER team to par pressure on W 2-7/8" pump lir	ell 25 to allowed 25 for ass lell 25A: 2- ne to well 25	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8	tubing to withdraw	line. cked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. cked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00	11:30 12:00 13:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
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7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
7:30 11:30 12:00 13:00	11:30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued protein with fresh	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site if water. Spotted add	line. ecked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
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7:30 11:30 12:00 13:00	11;30 12:00 13:00 17:00	Modified r Escorted I Checked r 1,850 psi. Moved in ppg CaCl2 GEO Zan	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allowed 25 for assivell 25A: 2- ne to well 25 500 bbl frac	w flowing 2-7/8" bessment. 7/8" - 620 psi. 8 5. Continued pritank with fresh ved working on k	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site f water. Spotted add	line. cked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
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7:30 11:30 12:00 13:00	11;30 12:00 13:00 17:00	Modified r Escorted I Checked y 1,850 psi. Moved in ppg CaCl; GEO Zan Traveled t	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive	ell 25 to allov d 25 for ass /ell 25A: 2- ne to well 25 500 bbl fracted. Continu	w flowing 2-7/8" bessment. 7/8" - 620 psi. 8 5. Continued pritank with fresh ved working on k	tubing to withdraw 8-5/8" - 43 psi. Che reparing SS-1 site f water. Spotted add fill program.	line. cked pressure o or pumping open	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4
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7:30 11:30 12:00 13:00 17:00	11;30 12:00 13:00 17:00 17:15	Modified r Escorted I Checked y 1,850 psi. Moved in ppg CaCl2 GEO Zan Traveled t	manifold on we ER team to pai pressure on W 2-7/8" pump lir 2. Filled one 5 polymer arrive to hotel.	ell 25 to allow d 25 for ass /ell 25A: 2- ne to well 25 00 bbl fract ed. Continu	w flowing 2-7/8" bessment. 7/8" - 620 psi. 8 5. Continued pritank with fresh ved working on k	ected Operations  Approvals  Print Tubing to withdraw B-5/8" - 43 psi. Che reparing SS-1 site for the water. Spotted add oil program.	nt Name	n well 25B: 2-7/8	500 bbl fra	c tank with 9.4 iter.
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7:30 11:30 12:00 13:00 17:00	11;30 12:00 13:00 17:00 17:00 17:15  or kill.  Signature E  nployee Na Danny Clayto	Modified r Escorted I Checked y 1,850 psi. Moved in ppg CaCl2 GEO Zan Traveled t	manifold on we ER team to pai pressure on W  2-7/8" pump lir 2. Filled one 5 polymer arrive to hotel.  Coots Represent  Hours on Loc 11	ell 25 to allow d 25 for ass /ell 25A: 2- ne to well 25 500 bbl fract ed. Continu	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued pritank with fresh ved working on k  Proje  Proje  Travel Hours 0.5	ected Operations  Approvals  Print Tubing to withdraw B-5/8" - 43 psi. Che reparing SS-1 site for the water. Spotted add oil program.	nt Name nt Name	n well 25B: 2-7/8 ations. Filled one ac tank. Will fill w	500 bbl fra	c tank with 9.4 iter.
7:30 11:30 12:00 13:00 17:00	11;30 12:00 13:00 17:00 17:00 17:15  or kill.  Signature E  nployee Na Danny Clayto Danny Walze	Modified r Escorted I Checked y 1,850 psi. Moved in ppg CaCl2 GEO Zan Traveled t  re Custom  Boots and G  ma	nanifold on we ER team to pai pressure on W 2-7/8" pump lir 2. Filled one 5 polymer arrive to hotel.  Coots Represent Hours on Loc 11 11	ell 25 to allow d 25 for ass /ell 25A: 2- ne to well 25 500 bbl fract ed. Continu	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued pritank with fresh ved working on k  Proje  Proje  Travel Hours 0.5 0.5	ected Operations  Approvals  Print Tubing to withdraw B-5/8" - 43 psi. Che reparing SS-1 site for the water. Spotted add oil program.	nt Name nt Walzel	n well 25B: 2-7/8 ations. Filled one ac tank. Will fill w	500 bbl fra	c tank with 9.4 iter.  Date  Date
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7:30 11:30 12:00 13:00 17:00	11;30 12:00 13:00 17:00 17:00 17:15  or kill.  Signature E  nployee Na Danny Clayto Danny Walze	Modified r Escorted I Checked y 1,850 psi. Moved in ppg CaCl GEO Zan Traveled t  re Custom  Boots and G  me  short	nanifold on we ER team to pai pressure on W 2-7/8" pump lir 2. Filled one 5 polymer arrive to hotel.  Coots Represent Hours on Loc 11 11	ell 25 to allow d 25 for ass /ell 25A: 2- ne to well 25 500 bbl fract ed. Continu	w flowing 2-7/8" sessment. 7/8" - 620 psi. 8 5. Continued pritank with fresh ved working on k  Proje  Proje  Travel Hours 0.5 0.5	ected Operations  Approvals  Print Tubing to withdraw B-5/8" - 43 psi. Che reparing SS-1 site for the water. Spotted add oil program.	nt Name nt Walzel	n well 25B: 2-7/8 ations. Filled one ac tank. Will fill w	500 bbl fra	c tank with 9.4 iter.  Date  Date



						TIS & COOTS SERVICES			
		Date:	21-Nov-2015	5		Well Name an	d Number:	Standard Senson 25	Report # 28
	Custon	ner Name:	Southern Ca	lifornia G	as Company	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	County:	Los Ar	- market and the same of the s
uston	er Billing	Address:	12801 Tamp				State:	Califo	
uaton	ier Dilling		Northridge, C	CA, 913	26		Country:	US	
	· · · · ·	AFE #:				-	Location:	Aliso Canyon S	
_		sentative:	6	7			Well Type:	Ga	
Re			Danny Walze				Job Type:	Well C	
_			Standard Se				Rig No:	N/	
		of Charge		Level		ments	Units	Unit Charge	Total
		ntrol Specia ol Specialis		4		Clayton Kopecky	1		
		ntrol Engine		4		Walzel	1 1		
- 0,		pecialist		4		Baggett	1		
		rol Enginee	r	1		berg / Travel	1		
		aily Expens				I.K. / M.B. / J.H.	5		
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		al Car					1		
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	Rent	al Car					9		
						imated Daily Total			
						Vell Summary			
		the second second	Andreas and the second		veral fissures on p				
		Uft. 7" cas	sing to 8,585	n. 5-1/2"	slotted liner to 8,7	45 ft. 2-7/8" tubing t		ker depth 8,468 ft.	
lour	Hour					Activity on	Site		
5:45	6:00		from hotel to I					190	- VEEN
6:00	6:30							s. LEL level at the cellar	
6-20	7/00					around equipment 0	- 52%. 2-7/8"	-1,628 psi. 7" - 204 psi.	11-3/4" - 29 psi.
6:30 7:00	7:00		morning safe			Paconfigured summer	na at CC 25 to	pressure test lubricator	at CC OFA and
7.00	0.30	SS 25B w		and Pun	ip Huck at 55-1, 1	reconnigured pump i	ne at 55 25 to	pressure test lubricator	at 55 25A and
8:30	9:30		1777	ers on SS	25A and SS 25B	Completed 2-7/8" p	ump line tie in	at SS 25	
9:30	11:30							Moved out man lift. S	ent to decon.
11:30	12:30	Lunch.	r pering mater	nom zo p		i removed pump in	te main or loc	inover out marriet.	CILIC GEOTIE
12:30	16:30		and Drime Tri	ick at SS	4 T-4-10 7/00				
14.00	10.00	rkeposilioi			-1. lested 2-//8 t	oump line to 300/4.00	00 psi. High te	st failed. Trouble shoot	leaks, Tightened
12.30	10.50	2-7/8" con	nections. Mo	oved in a	nd rigged up 40T ci	oump line to 300/4,00 rane at SS 25, 2-7/8	00 psi. High te " - 1,661 psi. 7	st failed. Trouble shoot " - 194 psi. 11-3/4" - 26	leaks, Tightened
	17:00	2-7/8" con	nections. Mo end of the da	oved in a	nd rigged up 40T cr	oump line to 300/4,00 rane at SS 25, 2-7/8	00 psi. High te " - 1,661 psi. 7	st failed. Trouble shoot " - 194 psi. 11-3/4" - 26	leaks, Tightened
16:30		2-7/8" con	nections. Mo end of the da	oved in a	nd rigged up 40T cr	oump line to 300/4,00 rane at SS 25, 2-7/8	00 psi. High te " - 1,661 psi. 7	st failed. Trouble shoot " - 194 psi. 11-3/4" - 26	leaks, Tightened psi
16:30	17:00	2-7/8" con Attended	nections. Mo end of the da	oved in a	nd rigged up 40T cr	oump line to 300/4,00 rane at SS 25, 2-7/8	00 psi. Highte " - 1,661 psi. 7	st falled. Trouble shoot ™ -194 psi. 11-3/4" -26	leaks, Tightened i psi.
16:30 17:00	17:00	2-7/8" con Attended	nections. Mo end of the da	oved in a	nd rigged up 40T cr	oump line to 300/4,00 rane at SS 25, 2-7/8	00 psi. High te: " - 1,661 psi. 7	st falled. Trouble shoot ™ -194 psi. 11-3/4" -26	leaks, Tightened
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in ar y meeting	nd rigged up 40T cr	rane at SS 25, 2-7/8	" - 1,661 psi. 7	‴ - 194 psi. 11-3/4" - 26	psi.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	‴ - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting grant of the second seco	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting	nd rigged up 40T cr ). at LAX. (15:00) A	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00	2-7/8" con Attended of Traveled t	nnections. Mo end of the da to hotel.	oved in any meeting	nd rigged up 40T cr ). at LAX. (15:00) Arrg will meet at SCC	rane at SS 25. 2-7/8	" - 1,661 psi. 7	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30 17:00	17:00 17:15	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.	y meeting g arrived n Hattebe	nd rigged up 40T cr ). at LAX. (15:00) Ar rg will meet at SCC	rane at SS 25. 2-7/8 rrived at hotel. Revi	" - 1,661 psi. T	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00 17:15	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.	y meeting g arrived n Hattebe	nd rigged up 40T cr ). at LAX. (15:00) Ar rg will meet at SCC	rane at SS 25. 2-7/8 rrived at hotel. Revi	" - 1,661 psi. T	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00 17:15	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.	y meeting g arrived n Hattebe	nd rigged up 40T cr ). at LAX. (15:00) Ar rg will meet at SCC	rane at SS 25. 2-7/8 rrived at hotel. Revi	" - 1,661 psi. T	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00 17:15 or kill. Mo	2-7/8" con Attended to Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.	y meeting g arrived n Hattebe	nd rigged up 40T cr ). at LAX. (15:00) Ar rg will meet at SCC	rrived at hotel. Revi GC Chatsworth office ected Operations plugs in SS 25A and	" - 1,661 psi. T	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30	17:00 17:15 or kill. Mo	2-7/8" con Attended to Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.	y meeting g arrived n Hattebe	nd rigged up 40T cr ). at LAX. (15:00) Ar rg will meet at SCC	rrived at hotel. Revi GC Chatsworth office ected Operations plugs in SS 25A and	ewed survey da at 08:00 to dis	" - 194 psi. 11-3/4" - 26	on points to SCGC.
6:30 7:00	17:00 17:15 or kill. Mo	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.  ohn Hatteberg alzel and John g up second	y meeting g arrived n Hattebe	nd rigged up 40T crip.  at LAX. (15:00) Airg will meet at SCC	rrived at hotel. Revi GC Chatsworth office ected Operations plugs in SS 25A and Approvals	" - 1,661 psi. 7 ewed survey da at 08:00 to dis	" - 194 psi. 11-3/4" - 26	on points to SCGC.  Date
16:30 17:00	17:00 17:15 or kill. Mo	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa	nnections. Mo end of the da to hotel.	y meeting g arrived n Hattebe	nd rigged up 40T crip.  at LAX. (15:00) Airg will meet at SCC	ected Operations plugs in SS 25A and Approvals Prin	" - 1,661 psi. 7 ewed survey da at 08:00 to dis	" - 194 psi. 11-3/4" - 26	on points to SCGC.
16:30 17:00	17:00 17:15 or kill. Mo	2-7/8" con Attended to Traveled to (12:00) Jo Danny Wa  ve in and ri are Gustom	nections. Mo end of the da to hotel.  ohn Hatteberg alzel and John g up second ner Represen Coots Repre	y meeting g arrived n Hattebe  HT400 at	Proje SS-1. Set tubing p	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis SS 25B. Run t Name	" - 194 psi. 11-3/4" - 26  ata. Submitted discussic cuss operations to date.  Gyro surveys.	Date  Date
6:30 7:00	17:00 17:15 or kill. Mo Signature E	2-7/8" con Attended to Traveled to (12:00) Jo Danny Wa  ve in and ri  are Gustorn  Boots and to	g up second  green Representation Loads Representations Market Representation Rep	y meeting g arrived n Hattebe  HT400 at	Proje SS-1. Set tubing p	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis	" - 194 psi. 11-3/4" - 26	points to SCGC.  Date  Date
6:30 7:00	17:00 17:15 or kill. Mor Signature E	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa  ve in and ri  are Custom  Boots and 6  me	g up second  The Representation of the date of the dat	y meeting g arrived n Hattebe  HT400 at	Proj.  SS-1. Set tubing projections of the second s	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis SS 25B. Run t Name	" - 194 psi. 11-3/4" - 26  ata. Submitted discussic cuss operations to date.  Gyro surveys.	Date  Date
16:30 17:00	17:00 17:15 or kill. Mo Signature E	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa  ve in and ri  are Custom  Boots and 6  me	g up second  green Representation Loads Representations Market Representation Rep	y meeting g arrived n Hattebe  HT400 at	Proje SS-1. Set tubing p	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis SS 25B. Run t Name	" - 194 psi. 11-3/4" - 26  ata. Submitted discussic cuss operations to date.  Gyro surveys.	Date  Date
16:30 17:00	17:00 17:15 or kill. Mor Signature E	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa  ve in and ri  are Gustom  Boots and 6  me	g up second  The Representation of the date of the dat	y meeting g arrived n Hattebe  HT400 at	Proj.  SS-1. Set tubing projections of the second s	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis SS 25B. Run t Name	" - 194 psi. 11-3/4" - 26  ata. Submitted discussic cuss operations to date.  Gyro surveys.	Date  Date
16:30 17:00	17:00 17:15 or kill. Mo Signature E mployee Na Danny Clayto	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa  ve in and ri  are Gustom  Boots and of  me  ch	g up second  The Representation of the date of the dat	y meeting g arrived n Hattebe  HT400 at	Proj.  SS-1. Set tubing proj.  Travel Hours 0.5 0.5	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis SS 25B. Run t Name	" - 194 psi. 11-3/4" - 26  ata. Submitted discussic cuss operations to date.  Gyro surveys.	Date  Date
16:30 17:00	17:00 17:15 or kill. Mor Signature E mployee Na Danny Clayto Danny Walzames Kopeo	2-7/8" con Attended of Traveled to (12:00) Jo Danny Wa  ve in and ri  are Gustom  Boots and G  me  chi	g up second  The Representation of the date of the dat	y meeting g arrived n Hattebe  HT400 at	Proj.  SS-1. Set tubing proj.  Travel Hours 0.5 0.5 0.5	ected Operations plugs in SS 25A and Approvals Prin Dann	" - 1,661 psi. 7 ewed survey da at 08:00 to dis SS 25B. Run t Name	" - 194 psi. 11-3/4" - 26  ata. Submitted discussic cuss operations to date.  Gyro surveys.	Date  Date



						OTE & COOTS SERVICES					
			22-Nov-2015			Well Name ar	nd Number:	Standard Senso		Report #	2
	Custor	ner Name:	Southern Ca				County:		os Angele		
Custom	er Billing	Address:	12801 Tamp				State:		California		
	2.11	AFE #:	Northridge, C	JA, 9132	ь	10/0	Country:	Alies Cor	USA Iyon Storag	no Enellity	_
Custon	ner Renre	sentative:				vve	Well Type:	Aliso Car	Gas	ge Facility	
			Danny Walze	el			Job Type:	1	Nell Contro	si.	
150			Standard Se				Rig No:		N/A		
De		of Charge		Level	Com	nments	Units	Unit C		Tota	ıl.
		ntrol Specia		4		y Clayton	1		, in go	101	
V	Vell Contr	ol Specialis	st	4		Kopecky	1				
Sr	. Well Co	ntrol Engine	er	4	Darn	y Walzel	1				
		pecialist		4		Baggett	1				
		rol Enginee		1		eberg / Travel	1 1				
(		aily Expens	e			J.K. / M.B. / J.H.	5				
		otel otel	_	-		J.H.	4				
		tal Car		1		2.) L	1	-			
		tal Car					1				
		tal Car	3				1 1				
			-		Est	imated Daily Total					
					2	Well Summary					
andard	Senson 2	5 has broad	hed to surfac	e with sev	veral fissures on p	ad site.					
-3/4" ca	sing to 99	90 ft. 7" cas	sing to 8,585	ft. 5-1/2"	slotted liner to 8,7	45 ft. 2-7/8" tubing	to 8,510 ft. Pac	ker depth 8,468 ft.			
Hour	Hour					Activity or	Site				
5:45	6:00		from hotel to I								
6:00	6:30					out of the North. To					
6.00	7.00					around equipment 0	- 49%. 2-7/8"·	-1,628 psi. 7" - 20	)4 psi. 11-	3/4" - 29 psi.	
6:30	7:00		morning safet			in tribing along to on	254 and 00 20	D Dogwood Malara	and laber	Hattahara	
7:00	9:00				g up slickline to ru esentatives at Cha	in tubing plugs in SS			and John	natteberg	
-		THE MINIST	Cuase allu Si	CONTRACTOR DESCRIPTION							
9.00	13:00		RIH with 23						set at 8.37	2 ft Ranan	d
9:00	13:00	Well 25B:				illed out of the hole.			set at 8,37	2 ft. Ran an	d
9:00	13:00	Well 25B: set prong.		3" gauge ri	ng to 8,372 ft. Pu	illed out of the hole.	Ran in the hole	with PX plug and			d
		Well 25B: set prong. Well 25A:	RIH with 2,8	3" gauge ri 3" gauge ri	ng to 8,372 ft. Pu		Ran in the hole	with PX plug and with PX plug and	set at 8,14	4 ft. Pulled	d
		Well 25B: set prong. Well 25A: out of the 300/,5000	RIH with 2.8 hole. Ran in psi. Test go	B" gauge ri B" gauge ri the hole v	ng to 8,372 ft. Puing to 8,144 ft. Puivith prong. Prong	illed out of the hole. illed out of the hole. did not set in PX plu	Ran in the hole Ran in the hole ig. Pulled out o	with PX plug and with PX plug and f the hole. Tested	set at 8,14 2-7/8" pur	4 ft. Pulled np line to	ıd
		Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down	RIH with 2.8 hole. Ran in psi. Test go lubricator. F	B" gauge ri B" gauge ri the hole v	ng to 8,372 ft. Puing to 8,144 ft. Puivith prong. Prong	illed out of the hole.	Ran in the hole Ran in the hole ig. Pulled out o	with PX plug and with PX plug and f the hole. Tested	set at 8,14 2-7/8" pur	4 ft. Pulled np line to	id
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2	RIH with 2.8 hole. Ran in psi. Test go lubricator. F 25 psi.	B" gauge ri B" gauge ri the hole v	ng to 8,372 ft. Puing to 8,144 ft. Puivith prong. Prong	illed out of the hole. illed out of the hole. did not set in PX plu	Ran in the hole Ran in the hole ig. Pulled out o	with PX plug and with PX plug and f the hole. Tested	set at 8,14 2-7/8" pur	4 ft. Pulled np line to	id
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down	RIH with 2.8 hole. Ran in psi. Test go lubricator. F 25 psi.	B" gauge ri B" gauge ri the hole v	ng to 8,372 ft. Puing to 8,144 ft. Puivith prong. Prong	illed out of the hole. illed out of the hole. did not set in PX plu	Ran in the hole Ran in the hole ig. Pulled out o	with PX plug and with PX plug and f the hole. Tested	set at 8,14 2-7/8" pur	4 ft. Pulled np line to	id
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2	RIH with 2.8 hole. Ran in psi. Test go lubricator. F 25 psi.	B" gauge ri B" gauge ri the hole v	ng to 8,372 ft. Puing to 8,144 ft. Puivith prong. Prong	illed out of the hole. illed out of the hole. did not set in PX plu	Ran in the hole Ran in the hole ig. Pulled out o	with PX plug and with PX plug and f the hole. Tested	set at 8,14 2-7/8" pur	4 ft. Pulled np line to	id
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled to	RIH with 2.8 hole. Ran in psi. Test go hubricator. Fi 25 psi. to hotel.	" gauge ri " gauge ri the hole v od. Reposition	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack U	illed out of the hole. illed out of the hole. did not set in PX plu Jnit. Will re-run pror	Ran in the hole Ran in the hole ig. Pulled out o	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole. illed out of the hole. did not set in PX plu Jnit. Will re-run pror	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
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13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pu ng to 8,144 ft. Pu vith prong. Prong ed Grease Pack U ning survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00	16:15	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid dowr 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go lubricator. Fizs psi. to hotel.	"gauge ri "gauge ri the hole v od. Reposition	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack Large Survey data.	illed out of the hole. illed out of the hole. idid not set in PX plu Jnit. Will re-run pror Entered data into co	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00 16:15 17:30	16:15 17:30 17:45	Well 258: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Fizs psi. to hotel.	"gauge ri the hole v od. Reposition ted review s need to b	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack Lings survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations	Ran in the hole  Ran in the hole  ig. Pulled out o  ig in the mornin  mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00 16:15 17:30	16:15 17:30 17:45	Well 258: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Fizs psi. to hotel.	"gauge ri the hole v od. Reposition ted review s need to b	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack Lings survey data.	illed out of the hole. illed out of the hole. idid not set in PX plu Jnit. Will re-run pror Entered data into co Began relief well plan	Ran in the hole  Ran in the hole  ig. Pulled out o  ig in the mornin  mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00 16:15 17:30	16:15 17:30 17:45	Well 258: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Fizs psi. to hotel.	"gauge ri the hole v od. Reposition ted review s need to b	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack Lings survey data.	illed out of the hole.  illed out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations	Ran in the hole  Ran in the hole  ig. Pulled out o  ig in the mornin  mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00 16:15 17:30	16:15 17:30 17:45 or kill. Mo	Well 258: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t John Hatt Determine	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Fizs psi. to hotel.	"gauge ri the hole v od. Reposition ded review s need to b	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack Lings survey data.	illed out of the hole.  Illed	Ran in the hole  Ran in the hole  ig. Pulled out o  ig in the mornin  mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00 16:15 17:30	16:15 17:30 17:45 or kill. Mo	Well 258: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t John Hatt Determine	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Financial for hotel.  Believe to hotel.	"gauge ri the hole v od. Reposition ded review s need to b	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Pronged Grease Pack Lings survey data.	illed out of the hole.  Illed	Ran in the hole  Ran in the hole  g. Pulled out o  g in the mornin  mpass. Ran an	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	d
13:00 16:15 17:30	16:15 17:30 17:45 or kill. Mo	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled to  John Hatt Determine	RIH with 2.8 hole. Ran in psi. Test go in lubricator. Fizo psi. to hotel.  eberg continued which wells grap second in the second	gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. De re-surveyed. E	illed out of the hole.	Ran in the hole Ran in the hole g. Pulled out o g in the mornin mpass, Ran an . relief well plan.	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	od
13:00 16:15 17:30	16:15 17:30 17:45 or kill. Mo	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled to  John Hatt Determine	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Financial for hotel.  Believe to hotel.	gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. De re-surveyed. E	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prir	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin impass. Ran an in relief well plan. it Name	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur si. 7" - 19	4 ft. Pulled np line to 9 psi.	od .
13:00 16:15 17:30	16:15 17:30 17:45 or kill. Mo	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled to  John Hatt. Determine	RIH with 2.8 hole. Ran in psi. Test go in ubricator. Fize psi. to hotel.  eberg continued which wells g up second in the present continued which wells grant continued which we will be a second conti	"gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. De re-surveyed. E	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prin  Dann	Ran in the hole  Ran in the hole  g. Pulled out o  g in the mornin  mpass. Ran an  relief well plan.  It Name  t Name  y Walzel	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur ssi. 7" - 19 SS 25 and	4 ft. Pulled np line to 9 psi.	
13:00 16:15 17:30	16:15 17:30 17:45 or kill. Mo Signature E	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled to  John Hatt. Determine  ve in and ri  are Custom  Boots and to	RIH with 2.8 hole. Ran in psi. Test go in lubricator. Fizo psi. to hotel.  eberg continued which wells g up second in the presentation of the pres	"gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. De re-surveyed. E	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prin  Dann	Ran in the hole Ran in the hole ig. Pulled out o ig in the mornin impass. Ran an interest well plan.  It Name	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur ssi. 7" - 19 SS 25 and	4 ft. Pulled np line to 9 psi.	
13:00 16:15 17:30	16:15 17:30 17:45 17:45 Signature Employee Na	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled to  John Hatt. Determine  ve in and ri  are Custom  Boots and to  me	RIH with 2.8 hole. Ran in psi. Test go lubricator. R 25 psi. to hotel.  eberg continued which wells g up second her Representation of the continued which wells  The continued which we	"gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. De re-surveyed. E	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prin  Dann	Ran in the hole  Ran in the hole  g. Pulled out o  g in the mornin  mpass. Ran an  relief well plan.  It Name  t Name  y Walzel	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur ssi. 7" - 19 SS 25 and	4 ft. Pulled np line to 9 psi.	
13:00 16:15 17:30	16:15 17:30 17:45 17:45 Danny Claylo	Well 25B: set prong. Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t  John Hatt Determine  ve in and ri  are Gustorn  Boots and to  me on el	RIH with 2.8 hole. Ran in psi. Test go lubricator. R 25 psi. to hotel.  eberg continue d which wells  g up second  ner Represen  Coots Represen  11.5	"gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. Travel Hours  0.5  0.5	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prin  Dann	Ran in the hole  Ran in the hole  g. Pulled out o  g in the mornin  mpass. Ran an  relief well plan.  It Name  t Name  y Walzel	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur ssi. 7" - 19 SS 25 and	4 ft. Pulled np line to 9 psi.	
13:00 16:15 17:30	16:15  17:30  17:45  17:45  Or kill. Mo  Signature E  mployee Na  Danny Clayto Danny Walz ames Kopes	Well 25B: set prong: Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t  John Hatt Determine  ve in and ri  ure Gustorn  Boots and t  ima on el  xy	RIH with 2.8 hole. Ran in psi. Test go lubricator. R 25 psi. to hotel.  eberg continue d which wells  g up second  ner Represen  Coots Represen  11.5  11.5	"gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. De re-surveyed. Edition of the Prong SS-1. Set prong in the Prong SS-1. S	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prin  Dann	Ran in the hole  Ran in the hole  g. Pulled out o  g in the mornin  mpass. Ran an  relief well plan.  It Name  t Name  y Walzel	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur ssi. 7" - 19 SS 25 and	4 ft. Pulled np line to 9 psi.	
13:00 16:15 17:30 repare fo	16:15 17:30 17:45 17:45 Danny Claylo	Well 25B: set prong: Well 25A: out of the 300/,5000 Laid down 11-3/4" - 2 Traveled t  John Hatt Determine  ve in and ri  ure Custom  Boots and to  ima on el  ky att	RIH with 2.8 hole. Ran in psi. Test go lubricator. R 25 psi. to hotel.  eberg continue d which wells  g up second  ner Represen  Coots Represen  11.5	"gauge ri the hole v od. Reposition  ded review s need to b  HT400 at	ng to 8,372 ft. Pung to 8,144 ft. Puvith prong. Prong ed Grease Pack Uning survey data. Travel Hours  0.5  0.5	alled out of the hole.  alled out of the hole.  did not set in PX plu  Jnit. Will re-run pror  Entered data into co  Began relief well plan  jected Operations in SS 25A. Prepare  Approvals  Prin  Dann	Ran in the hole  Ran in the hole  ig. Pulled out o  ig in the mornin  mpass. Ran an  relief well plan.  it Name  it Name  it Walzel	with PX plug and with PX plug and f the hole. Tested g. 2-7/8" - 1,646 p	set at 8,14 2-7/8" pur ssi. 7" - 19 SS 25 and	4 ft. Pulled np line to 9 psi.	



				-	THE COOTS SERVICES			
		Date:	23-Nov-2015		Well Name an	nd Number:	Standard Senson 25	Report # 3
	Custom	er Name:	Southern California	Gas Company		County:	Los Angeles	
Cuetom	er Billing	Addrages	12801 Tampa Ave.,	SC 9328		State:	California	
Custome	er billing	Audress.	Northridge, CA, 913	326		Country:	USA	
		AFE #:			We	Il Location:	Aliso Canyon Storag	e Facility
		sentative:				Well Type:	Gas	
Rep			Danny Walzel			Job Type:	Well Contro	
	Lease	e - Well #:	Standard Senson 25			Rig No:	N/A	
De	scription	of Charge	es: Level	17.700.00	ments	Units	Unit Charge	Total
	A SHARE AND A ANALYSIA	trol Specia			Clayton	1		
-		ol Specialis			Kopecky	1		
Sr.		trol Engine			Walzel	1		
70		pecialist	4		Baggett	1		
		ol Enginee illy Expens			y / Clients Office .K. / M.B. / J.H.	5		
G			e		/ J.K. / M.B.	4		
		otel			.H.	1 1		
		al Car		9	et II-	1		
		al Car				1 1		
		al Car				1		
	139(15							
				Esti	mated Daily Total	1		
					Vell Summary			
anderd 9	Senson 25	has henze	hed to surface with s					
			sing to 8,585 ft. 5-1/2			o 8.510 # Packet	r depth 8.468 ft	
Hour	Hour	100		and the state of the	Activity or		-Share of the Let	
5:45	6:00	Traveled I	from hotel to location.		Activity of			
6:00	6:30	110000000000000000000000000000000000000	THE STREET, NAME AND POST OF THE PARTY OF THE PARTY.		out of the South Fas	t Took I FI readi	ngs. LEL level at the cella	r - 100%
0.00	0.00						si. 7" - 202 psi. 11-3/4" -	
6:30	7:00		morning safety/opera		Tellia o felipinioni o il	of The House	en y Lee pon 11 or 1	Lo pon
7:00	8:30				. Set in PX plug at	8.144 ft. Pulled in	to lubricator. Bled tubing t	rom 580 osi
1			. Rigged down slickli					
8:30	14:00						ontrol cab, power pack, ger	nerator, and
							surveyed surface coordinal	
			inchor chains around					
		Moved in	nitrogen truck and ble	ew out coil tubing. B	ack loaded reel and	sent to decon.		
14:00			tested second HAL E					
14:30			2-7/8" pump line. Se			oncrete blocks.		
16:00			own 100T crane and r	noved out. Prepared	d location for kill			
17:00	17:15	Traveled t	to hotel.					
		Table Mate	chicago contra a di cassil	Alban Wangala Land	a the country of the second	alulia Discussi	a formal and a statement	
-		John Hatt	eperg continued work	ing on the data base	e, relief well direction	nai pian, Discusse	d forward operations.	
-								
	0							
				Proje	ected Operations			
ump kill.								
	_							
	-				Approvals	rwen-	9	-2
	Signatu	re Custom	er Representative		Prin	it Name		Date
		oots and	Coots Representativ	re l	Prin	it Name		Date
Sig	gnature B				Dann	y Walzel		
Sig	gnature B					Employee Name	Hours on Location	Travel Hours
		ne	Hours on Location	Travel Hours			Tradit All Pandroll	I LBAUL HULLS
Em	nployee Nar		Hours on Location	Travel Hours		Emproy ou manie		Travel Hours
Em Di	nployee Nar	n	11	0.5		Lings of Haline		Travel Hours
Em Di	nployee Nar Panny Clayto Danny Walze	n el	11	0.5 0.5				Travel Hours
Em Di D	n <b>ployee Nar</b> Panny Clayto Danny Walze ames Kopad	n el (V	11 11 11	0.5 0.5 0.5				Travel Hours
Em D: D Ja	nployee Nar Panny Clayto Danny Walze	n sl Ky	11	0.5 0.5		Emprey of Name		Travel Hours



				-	TE & COOTS SERVICES			
		20.00	24-Nov-2015		Well Name ar			Report# 3
	Custon	ner Name:	Southern California 12801 Tampa Ave			County: State:	Los Angeles California	5
Custom	ner Billing	Address:	Northridge, CA, 9			Country:	USA	
		AFE #:	inchange, eva s	1000	We	Il Location:	Aliso Canyon Storag	e Facility
		sentative:				Well Type:	Gas	
Re			Danny Walzel			Job Type:	Well Contro	ı
		of Charge	Standard Senson 2		ments	Rig No: Units	N/A Unit Charge	Total
_		trol Specia		1 - 20137	Clayton	1	Unit Charge	1014)
		ol Specialis			Kopecky	1		
Si	r. Well Cor	ntrol Engine	eer 4	Danny	Walzel	1		
		pecialist	4		Baggett	1	28	
		ol Enginee			/ Clients Office K. / M.B. / J.H.	5		
,		otel	е		/ J.K. / M.B.	4		
		otel			H.	1		
	Rent	al Car				1		
		al Car	7.5			1		
	Rent	al Car				1		
				Ectio	mated Daily Total			
					/ell Summary			
andard	Senson 25	has broad	hed to surface with	several fissures on pa			710	
				/2" slotted liner to 8,74		o 8,510 ft. Packer	depth 8,468 ft.	
Hour	Hour				Activity or			
5:45	6:00	12.230.712.2	from hotel to location					
6:00	6:30				ut of the South Eas	t. Took LEL readir	gs. Cleared location for p	oersonnel.
6:30	7:00			si. 11-3/4" - 26 psi.				
7:00	8:45		morning safety/ope for pumping operat					
8:45	9:45			ner pill loaded with LC	M. Mixed 35 bbls 1	8.0 ppg barite pill.	2	
9:45	11:45	Pumped 5	0 bbl GEO Zan pill.	Began pumping fresh	water. Began pun	nping fresh water a	5 BPM. Pump pressure	
-							80 bbls pumped increase	
							pumped increased rate t	
	-						50 bbls pump. 7" casing is barite pill. Displaced o	
			ls. Shut down. Pu		water. FF - 4,007	osi. Pumped 33 bil	is barite piii. Displaced o	ur or the tubing
11:45	1 40.00	Monitored		of bracesia s ban				
11.40	13:00			76 not 71 100 not 1			noi 7" 165 noi 11 3/4"	
13:00			essure increased to			7:15) 2-7/8" - 1,311	psi. 7 - 155 psi. 11-3/4	' - 26 psi.
13:00	17:15	At time of	report recovered 7	00 bbls of fluid from loc		7:15) 2-7/8" - 1,311	psi. 7 - 155 psi. 11-3/4	' - 26 psi.
			report recovered 7			7:15) 2-7/8" - 1,311	psi. 7 - 130 psi. 11-3/4	' - 26 psi.
13:00	17:15	At time of	report recovered 7			7:15) 2-7/8" - 1,311	psi. 7 - 130 psi. 11-3/4	' - 26 psi.
13:00	17:15	At time of Traveled t	report recovered 70 to hotel.	00 bbls of fluid from loo	cation.			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loo	cation. ated SHL's of offset		ell, corrected all well eleva	
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loc nning relief well. Upda	cation. ated SHL's of offset			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loc nning relief well. Upda	cation. ated SHL's of offset			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loc nning relief well. Upda	cation. ated SHL's of offset			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loc nning relief well. Upda	cation. ated SHL's of offset			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loc nning relief well. Upda	cation. ated SHL's of offset			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loo nning relief well. Upda ort. Began working on	cation. ated SHL's of offset			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loo nning relief well. Upda ort. Began working on	cation, ated SHL's of offset of final presentation.			
13:00	17:15	At time of Traveled to John Hatte	report recovered 70 to hotel.	00 bbls of fluid from loo nning relief well. Upda ort. Began working on	eation,  ated SHL's of offset offinal presentation.			
13:00	17:15	At time of Traveled to John Hatte wall plot a	report recovered 70 to hotel.  eberg continued pland anti collision rep	nning relief well. Upda ort. Began working on	eation.  ated SHL's of offset of final presentation.  ected Operations  Approvals	wells and target w		ations, made
13:00 17:15	17:15	At time of Traveled to John Hatte wall plot a	report recovered 70 to hotel.	nning relief well. Upda ort. Began working on	eation.  ated SHL's of offset of final presentation.  ected Operations  Approvals			
13:00 17:15 ump kill.	17:15 17:30 Signatu	At time of Traveled to John Hatte wall plot a	report recovered 70 hotel.  beberg continued pland anti collision report	on bbls of fluid from loc nning relief well. Upda ort. Began working on Proje	ected Operations  Approvals  Prin	wells and target w		ntions, made
13:00 17:15	17:15 17:30 Signatu	At time of Traveled to John Hatte wall plot a	report recovered 70 to hotel.  eberg continued pland anti collision rep	on bbls of fluid from loc nning relief well. Upda ort. Began working on Proje	ected Operations  Approvals  Prin	wells and target well and target wells and target well and target we		ations, made
13:00 17:15 ump kill.	17:15 17:30 Signature B	At time of Traveled f John Hatte wall plot a	report recovered 70 to hotel.  eberg continued pland anti collision reporter Representative  Coots Representative	nning relief well. Upda ort. Began working on Proje	ected Operations  Approvals  Prin  Dann	wells and target well and target wells and target wells and target wells and target well and target we	ell, corrected all well eleva	Date
13:00 17:15 ump kill. Si	17:15 17:30 Signature E	At time of Traveled f John Hatte wall plot a	report recovered 70 to hotel.  aberg continued pland anti collision reporter Representative  Coots Representative  Hours on Location	nning relief well. Upda ort. Began working on Proje	ected Operations  Approvals  Prin  Dann	wells and target well and target wells and target well and target we		Date
13:00 17:15 Jmp kill.	Signature B	At time of Traveled f John Hatte wall plot a	report recovered 70 to hotel.  aberg continued pland anti collision reporter Representative  Coots Representative  Hours on Location 11.25	nning relief well. Upda ort. Began working on Proje	ected Operations  Approvals  Prin  Dann	wells and target well and target wells and target wells and target wells and target well and target we	ell, corrected all well eleva	Date
13:00 17:15 ump kill. Si	17:15 17:30 Signature B ignature B imployee Nai	At time of Traveled for Travele	report recovered 70 to hotel.  aberg continued pland anti collision reporter Representative  Coots Representative  Hours on Location 11.25	nning relief well. Upda ort. Began working on Proje  Travel Hours 0.5 0.5	ected Operations  Approvals  Prin  Dann	wells and target well and target wells and target wells and target wells and target well and target we	ell, corrected all well eleva	Date
13:00 17:15 ump kill. Si	Signature Employee Nan Danny Walze James Kopec	At time of Traveled for Travele	report recovered 70 to hotel.  eberg continued pland anti collision reporter Representative  Coots Representative  Hours on Location 11.25 11.25	nning relief well. Upda ort. Began working on Proje  Travel Hours 0.5 0.5 0.5	ected Operations  Approvals  Prin  Dann	wells and target well and target wells and target well and target we	ell, corrected all well eleva	Date
13:00 17:15 ump kill.	17:15 17:30 Signature B ignature B imployee Nai	At time of Traveled for Travele	report recovered 70 to hotel.  aberg continued pland anti collision reporter Representative  Coots Representative  Hours on Location 11.25	nning relief well. Upda ort. Began working on Proje  Travel Hours 0.5 0.5	ected Operations  Approvals  Prin  Dann	wells and target well and target wells and target well and target we	ell, corrected all well eleva	ntions, made



		Date	25-Nov-2015		Well Name and No	umber: S	tandard Senson 25	Report #   :
	Custon		the liberature and the second	nia Gas Company		County:	Los Angele	
	7775	A STATE OF BRIDE	12801 Tampa Av			State:	California	
Custom	ner Billing		Northridge, CA,		Co	ountry:	USA	
		AFE #:			Well Lo		Aliso Canyon Storag	ge Facility
		sentative:			Wel	II Type:	Gas	
Re			Danny Walzel		- Alexander and the second sec	туре:	Well Contro	ol
			Standard Sensor			Rig No:	N/A	
		of Charge			mments	Units	Unit Charge	Total
		ntrol Specia			y Clayton	1		
		ol Specialis			s Kopecky	7	4	
Sr	A CONTRACTOR OF THE PARTY OF TH	ntrol Engine			ny Walzel	1	1	
-		pecialist	4		Baggett	1		
		rol Engineer			erg / Clients Office	5		
		aily Expensi			J.K. / M.B. / J.H. V. / J.K. / M.B.	4		
		otel			J.H.	1		
		al Car			with the same of t	+		
		al Car	7			9	-3	
		al Car				1		
	, 10/1		-					
				Es	timated Daily Total			
					Well Summary			
tandard	Senson 2	5 has brose	hed to surface wi	th several fissures on				
					745 ft. 2-7/8" tubing to 8,5	510 ft. Packer	depth 8,468 ft.	
Hour	Hour	1	g == -1= -0 iii 0		Activity on Site		- periodicar in	
5:45	6:00	Traveled f	rom hotel to local	tion	Activity on Site			
6:00	6:30	A COLUMN TO SERVICE AND A	A CONTRACTOR OF THE PROPERTY OF	- V-4/-	personnel to begin work.	2-7/8" - 1 651 n	si. 7" - 199 psi. 11-3/4"	- 25 psi
6:30	7:00			ns/safety meeting.	The second second section of the	1,001	100 part 11 0/3	as poli
7:00	8:00				psi. 7" - 200 psi. 11-3/4"	- 25 psi.		
8:00	11:00				isplaced with fresh water of		h 56 bbls at 5 BPM. IPP	-1,760 psi.
					P - 3,496 psi. After 60 bl			
								Print I
					reased from crater. 7" - 40		bbls pump water flow fr	om crater
		increased.	Continued pum	ping at 13 BPM. PP -	4,164 psi. Pumped 960 b	bls of water. 7	0 bbls pump water flow fr " - 17 psi. 11-3/4" - 27 ps	om crater si.
		increased. Pumped 1	Continued pum 00 bbls GEO Zar	ping at 13 BPM. PP -	4,164 psi. Pumped 960 b Began displacing with 9,4	bls of water. 7 4 ppg CaCl2 at	0 bbls pump water flow fr " - 17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2	om crater si. 0 bbls of
		increased Pumped 1 displacem	Continued pum 00 bbls GEO Zar ent slowed pump	ping at 13 BPM. PP - n pill loaded with LCM. rate to 2 BPM. PP - 2	4,164 psi. Pumped 960 b Began displacing with 9,4 0 psi. After displacing 40	bls of water. 7 4 ppg CaCl2 at	0 bbls pump water flow fr " - 17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2	om crater si. 0 bbls of
		increased Pumped 1 displacem displacing	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow	ping at 13 BPM. PP - n pill loaded with LCM. rate to 2 BPM. PP - 2 vn. 2-7/8" - 0 psi. 7" -	4,164 psi. Pumped 960 b Began displacing with 9,4 0 psi. After displacing 40 0 psi. 11-3/4" - 27 psi.	bls of water. 7 4 ppg CaCl2 at bbls slowed pu	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi	om crater si. 0 bbls of i, After
11:00	16:00	increased Pumped 1 displacem displacing Flowline fr	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing	ping at 13 BPM. PP- pill loaded with LCM. rate to 2 BPM. PP-2 m. 2-7/8"-0 psi. 7"- head broke. Nipple o	4,164 psi. Pumped 960 b Began displacing with 9,4 0 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pump	bls of water. 7 4 ppg CaCl2 at bbls slowed pu	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi	om crater si. 0 bbls of i, After
		Pumped 1 displacem displacing Flowline fr extension	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing handles for tubing	ping at 13 BPM. PP- n pill loaded with LCM. rate to 2 BPM. PP-2 m. 2-7/8"-0 psi. 7"- head broke. Nipple of g head valve and 7" ca	4,164 psi. Pumped 960 b Began displacing with 9,4 0 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pump	bls of water. 7 4 ppg CaCl2 at bbls slowed pu	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi	om crater si. 0 bbls of i, After
16:00	17:00	increased Pumped 1 displacem displacing Flowline fr extension Closed tub	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing handles for tubing bing head valve a	ping at 13 BPM. PP-n pill loaded with LCM. rate to 2 BPM. PP-2 m. 2-7/8" - 0 psi. 7" - head broke. Nipple of the pill pill pill pill pill pill pill pil	4,164 psi. Pumped 960 b Began displacing with 9,4 0 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pump	bls of water. 7 4 ppg CaCl2 at bbls slowed pu	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi	om crater si. 0 bbls of i, After
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16:00 17:00 17:30 17:30	17:00 17:30 17:45 17:45 Signature Employee Na	increased. Pumped 1 displacem displacing Flowline fr extension Closed tuk Attended e Traveled t  John Hatte tomorrow.  Clean locati  are Custom  Boots and C	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing handles for tubing head valve a end of day meetir o hotel.  con.  er Representativ  Coots Represent  Hours on Locatio  11.5	ping at 13 BPM. PP - n pill loaded with LCM. rate to 2 BPM. PP - 2 vn. 2-7/8" - 0 psi. 7" - head broke. Nipple of g head valve and 7" casing valves. ng.  vorking on relief well pi  Pro  tative  Travel Hours 0.5	4,164 psi. Pumped 960 b Began displacing with 9,40 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pumplasing valves.  an and presentation. Gave piected Operations  Approvals  Print Na Danny Well and present valves.	bls of water. 7 4 ppg CaCl2 at bbls slowed pu line to 7" casin //e presentation //e presentation //e presentation	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi g head broke. Fabricated to SCGC. Will travel to	om crater si. 0 bbls of i, After d valve  Houston  Date  Date
16:00 17:00 17:30	17:00 17:30 17:45 17:45 Signature ignature E	increased. Pumped 1 displacem displacing Flowline fr extension Closed tut Attended e Traveled t  John Hatte tomorrow.  Clean locati  are Custom  Boots and C	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing handles for tubing ing head valve a end of day meetir o hotel.  con.  er Representativ  Coots Represent 11.5 11.5	ping at 13 BPM. PP - n pill loaded with LCM. rate to 2 BPM. PP - 2 vn. 2-7/8" - 0 psi. 7" - head broke. Nipple of g head valve and 7" casing valves. ng.  vorking on relief well pi  Pro  Pro  Travel Hours  0.5  0.5	4,164 psi. Pumped 960 b Began displacing with 9,40 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pumplasing valves.  an and presentation. Gave piected Operations  Approvals  Print Na Danny Well and present valves.	bls of water. 7 4 ppg CaCl2 at bbls slowed pu line to 7" casin //e presentation //e presentation //e presentation	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi g head broke. Fabricated to SCGC. Will travel to	om crater si. 0 bbls of i, After d valve  Houston  Date  Date
16:00 17:00 17:30	17:00 17:30 17:45 17:45 Signature Employee Na	increased. Pumped 1 displacem displacing Flowline fr extension Closed tut Attended e Traveled t  John Hatte tomorrow.  Clean locati  are Custom  Boots and C	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing handles for tubing head valve a end of day meetir o hotel.  con.  er Representativ  Coots Represent  Hours on Locatio  11.5	ping at 13 BPM. PP - n pill loaded with LCM. rate to 2 BPM. PP - 2 vn. 2-7/8" - 0 psi. 7" - head broke. Nipple of g head valve and 7" ca nd 7" casing valves. ng.  vorking on relief well pi  Pro  Pro  Travel Hours  0.5  0.5  0.5	4,164 psi. Pumped 960 b Began displacing with 9,40 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pumplasing valves.  an and presentation. Gave piected Operations  Approvals  Print Na Danny Well and present valves.	bls of water. 7 4 ppg CaCl2 at bbls slowed pu line to 7" casin //e presentation //e presentation //e presentation	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi g head broke. Fabricated to SCGC. Will travel to	om crater si. 0 bbls of i, After d valve  Houston  Date  Date
16:00 17:00 17:30 17:30	17:00 17:30 17:45 17:45 Signature ignature E	increased. Pumped 1 displacem displacing Flowline fr extension Closed tut Attended e Traveled t  John Hatte tomorrow.  Clean locati  are Custom  Boots and C	Continued pum 00 bbls GEO Zar ent slowed pump 56 bbls shut dow om 7" and tubing handles for tubing ing head valve a end of day meetir o hotel.  con.  er Representativ  Coots Represent 11.5 11.5	ping at 13 BPM. PP - n pill loaded with LCM. rate to 2 BPM. PP - 2 vn. 2-7/8" - 0 psi. 7" - head broke. Nipple of g head valve and 7" casing valves. ng.  vorking on relief well pi  Pro  Pro  Travel Hours  0.5  0.5	4,164 psi. Pumped 960 b Began displacing with 9,40 psi. After displacing 40 0 psi. 11-3/4" - 27 psi. n well head broke. Pumplasing valves.  an and presentation. Gave piected Operations  Approvals  Print Na Danny Well and present valves.	bls of water. 7 4 ppg CaCl2 at bbls slowed pu line to 7" casin //e presentation //e presentation //e presentation	0 bbls pump water flow fr "-17 psi. 11-3/4" - 27 ps 4 bpm. PP - 89. After 2 ump to 1 bpm. PP - 0 psi g head broke. Fabricated to SCGC. Will travel to	om crater si. 0 bbls of i. After d valve  Houston



					TO & COOTS SERVICES			
		Date:	27-Nov-2015		Well Name and	Number: 5	Standard Senson 25	Report # 34
	Custom	er Name:	Southern Californ			County:	Los Angeles	
Custom	er Billing	Address:	12801 Tampa Av			State:	California	
10000	C. chow out	AFE #:	Northridge, CA,	91326	Wall	Country: Location:	USA Aliso Canyon Storag	e Facility
Custom	ner Repre					/ell Type:	Gas	e racinty
			Danny Walzel			lob Type:	Well Contro	
	Lease	e - Well #:	Standard Senson	25		Rig No:	N/A	
	escription	-			ments	Units	Unit Charge	Total
	Well Con				Clayton	1		
	Nell Contro				Kopecky Walzel	1	-	
31		pecialist	4		Baggett	1	_	
	1,555				35.1			
G	General Da	ily Expens	e		/ J.K. / M.B.	4		
	Ho	otel		D.C./ D.W.	/ J.K. / M.B.	4		
	Dant	-10						
		al Car al Car	-	+	-	1		
	136/16	ai Gui		*				
				Estir	mated Daily Total			
					Vell Summary			
				h several fissures on pa				
	r	0 ft. 7" cas	sing to 8,585 ft. 5-	1/2" slotted liner to 8,74			depth 8,468 ft.	
Hour	Hour				Activity on S	Site		
5:45	6:00		from hotel to locati	on. Cleared location for pe	reonnal to havin used			
6:30	7:00		a site assessment. morning operation		asonner to begin work			
7:00	12:00				pot 100T crane. Mov	ed in backhoe ar	nd cleared area for crane.	
12:00	12:30	Lunch.						
12:30	16:45						stalled hand wheel on crov	
							ed tubing pressure. Tubin	g pressure
16:45	17:15		end of the day me	heck from 2-1/16" 5M x	1502 adapter liange.			
17:15	17:30	Traveled		.w.g.				
		7						
	1							
	r.							
				Proje	ected Operations			
		11 - 10 1 -	н н		A CONTRACTOR OF THE CONTRACTOR			
ig up to f	flow tubing	to withdra	w line. Run noise	temp. Attempt to run g	A CONTRACTOR OF THE CONTRACTOR			
ig up to f	flow tubing	to withdra	w line. Run noise.		yro.			
ig up to t				temp. Attempt to run g	yro. Approvals	Name		Date
g up to 1			w line. Run noise ner Representativ	temp. Attempt to run g	yro. Approvals	Name		Date
	Signatu	re Custom	ner Representativ	temp. Attempt to run g	Approvals Print			
	Signatu	re Custom		temp. Attempt to run g	Approvals Print Print	Name		Date Date
Si	Signatu gnature B	re Custom	ner Representativ Coots Representa	temp. Attempt to run g	Approvals Print Print Danny	Name Walzel		Date
Si	Signatu gnature B mployee Nar	re Custom cots and	ner Representativ Coots Representa Hours on Location	temp. Attempt to run g	Approvals Print Print Danny	Name	Hours on Location	
Si En	Signature B mployee Nar	re Custom cots and ne	ner Representativ  Coots Representativ  Hours on Location  11.25	e ative Travel Hours	Approvals Print Print Danny	Name Walzel	Hours on Location	Date
Sig En	Signatu gnature B mployee Nar Danny Clayto Danny Walze	cots and	Coots Representativ Hours on Location 11.25 11.25	ative  Travel Hours  0,5  0,5	Approvals Print Print Danny	Name Walzel	Hours on Location	Date
Signal Si	Signature B mployee Nar Danny Clayto Danny Walze ames Koped	re Custom cots and me n	Coots Representative Hours on Location 11.25 11.25 11.25	ative  Travel Hours  0.5  0.5  0.5	Approvals Print Print Danny	Name Walzel	Hours on Location	Date
Signal Si	Signatu gnature B mployee Nar Danny Clayto Danny Walze	re Custom cots and me n	Coots Representativ Hours on Location 11.25 11.25	ative  Travel Hours  0,5  0,5	Approvals Print Print Danny	Name Walzel	Hours on Location	Date



		Date:	28-Nov-2015		Well Name and Num	ber: S	Standard Senson 25	Report # 3
	Custon		Southern California		Cou	nty:	Los Angeles	
Custon	ner Billing		12801 Tampa Ave.,			ate:	California	
			Northridge, CA, 91	326	Cour		USA	-
-		AFE #:			Well Local		Aliso Canyon Storag	e Facility
		sentative:	N		Well T		Gas	
Re			Danny Walzel Standard Senson 25		Job T	No:	Well Contro N/A	
_			00000 000000000000000000000000000000000					7.64
		of Charge trol Specia			Ments	Units	Unit Charge	Total
	A	ol Specialis			Clayton Kopecky	1		
		ntrol Engine			Walzel	1		
		pecialist	4		Baggett	1		
	110.00	Poordiller		, and a			7	
-	General Da	ally Expens	e	D.C./ D.W.	/ J.K. / M.B.	4		
	H	otel		D.C./ D.W.	/ J.K. / M.B.	4		
		al Car		VE .		1		
	Rent	al Car				1		
				2.0				
					mated Daily Total			
4		St			Vell Summary			
				several fissures on pa		4 P	death o doo h	
	-	Un. 7" cas	ang to 8,585 ft. 5-1/.	slotted liner to 8,74	45 ft. 2-7/8" tubing to 8,510	π. Packer	qeptn 8,468 π.	
Hour	Hour	-			Activity on Site			
5:45	6:00	100000000000000000000000000000000000000	rom hotel to location		A PROPERTY OF THE PARTY OF THE	Les La La Caracia	TORNELS OF A	
6:00	6:30				out of the North. LEL's too	nigh to run	equipment.	
7:00	7:00		morning operations/s		Ordered out hoses for hyd	ماحمام مالاحد	. Identified vie up to floor	tu de la a
7.00	13.30				ption to flow to withdraw lin			
					top tank. Made up 50 ft of			
					ithdraw line. Discussed ins			
					Located relief valve for wi			
			urface safety valve t					T-2011-6
					n SS 25. Sent for bench te	Sililu		
13:30	16:00				n SS 25. Sent for bench te nd backhoe. Excavated are		. Cleaned east side of loc	cation.
13:30	16:00	Winds out					Cleaned east side of loo	cation.
13:30 16:00	16:00	Winds out	of the North East. I	Moved in track hoe ar			Cleaned east side of loc	cation.
		Winds out	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loc	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loc	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loc	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loc	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loc	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00	16:15	Winds out Performed Attended	of the North East. I I site work. and of the day meeti	Moved in track hoe ar			Cleaned east side of loo	cation.
16:00 16:15	16:15 16:30	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeti o hotel.	Moved in track hoe ar	nd backhoe. Excavated are		Cleaned east side of loo	cation.
16:00 16:15	16:15 16:30	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeti o hotel.	Moved in track hoe ar	nd backhoe. Excavated are		Cleaned east side of loc	cation.
16:00 16:15	16:15 16:30	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeti o hotel.	Moved in track hoe ar	nd backhoe. Excavated are		Cleaned east side of loc	cation.
16:00 16:15	16:15 16:30	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeti o hotel.	Moved in track hoe ar	ected Operations	und SS 25.	Cleaned east side of loc	Date
16:00 16:15	16:15 16:30	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeti o hotel.	Moved in track hoe ar	ected Operations  Approvals	und SS 25.	Cleaned east side of loc	
16:00 16:15	16:15 16:30 flow tubing	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeting hotel. white Run noise/te	Projemp. Attempt to run g	ected Operations lyro.  Approvals  Print Name	und SS 25.	Cleaned east side of loc	Date
16:00 16:15	16:15 16:30 flow tubing	Winds out Performed Attended of Traveled t	of the North East. It site work. end of the day meeti o hotel.	Projemp. Attempt to run g	ected Operations yro.  Approvals  Print Name	und SS 25.	Cleaned east side of loc	
16:00 16:15	16:15 16:30 flow tubing Signature E	Winds out Performed Attended of Traveled t  to withdraw re Custom	of the North East. It site work. end of the day meetic hotel.  w line. Run noise/te er Representative	Projemp. Attempt to run g	ected Operations yro.  Approvals  Print Name Danny Walz	und SS 25.		Date
16:00 16:15	flow tubing Signature E	Winds out Performed Attended of Traveled t  to withdraw re Custom  Boots and Come	of the North East. It site work. end of the day meetic hotel.  w line. Run noise/te er Representative Coots Representation	Projemp. Attempt to run g	ected Operations yro.  Approvals  Print Name	und SS 25.	Hours on Location	Date Date
16:00 16:15	flow tubing Signature E mployee Na Danny Clayto	Winds out Performed Attended of Traveled t  to withdraw  coots and of	of the North East. It site work. end of the day meetic o hotel.  w line. Run noise/te er Representative Coots Representati Hours on Location 10.25	Projemp. Attempt to run g	ected Operations yro.  Approvals  Print Name Danny Walz	und SS 25.		Date
16:00 16:15	flow tubing Signature E mployee Na Danny Clayto Danny Walze	Winds out Performed Attended of Traveled t  to withdraw  coots and of me	of the North East. It site work. end of the day meetic hotel.  w line. Run noise/te er Representative Coots Representation	Proje mp. Attempt to run g  Ve  0.5 0.5	ected Operations yro.  Approvals  Print Name Danny Walz	und SS 25.		Date
16:00 16:15	flow tubing Signature E mployee Na Danny Clayto	Winds out Performed Attended of Traveled t  to withdraw  coots and of me	of the North East. It site work. end of the day meetic o hotel.  w line. Run noise/te er Representative Coots Representati Hours on Location 10.25	Projemp. Attempt to run g	ected Operations yro.  Approvals  Print Name Danny Walz	und SS 25.		Date
16:00 16:15	flow tubing Signature E mployee Na Danny Clayto Danny Walze	Winds out Performed Attended of Traveled t  to withdraw  re Custom  Boots and Come  in the contract of the con	of the North East. It site work. It site work. and of the day meetic or hotel.  w line. Run noise/te  er Representative  Coots Representati  Hours on Location  10.25  10.25	Proje mp. Attempt to run g  Ve  0.5 0.5	ected Operations yro.  Approvals  Print Name Danny Walz	und SS 25.		Date
16:00 16:15	flow tubing Signature E mployee Na Danny Clayto Danny Walzılames Kopeo	Winds out Performed Attended of Traveled t  to withdraw  re Custom  Boots and Come  in the contract of the con	of the North East. It site work. It site work. and of the day meeting to hotel.  White Run noise/te  er Representative  Coots Representative  10.25  10.25  10.25	Proje mp. Attempt to run g  Ve  C.5  C.5  C.5  C.5	ected Operations yro.  Approvals  Print Name Danny Walz	und SS 25.		Date



		20.00	29-Nov-2015		Well Name and Num	ber: St		Report # 3
	Custon		Southern California G			inty:	Los Angeles	
Custon	ner Billing		12801 Tampa Ave., S			tate:	California	
1000			Northridge, CA, 913	26		ntry:	USA Alice Conven Stores	o Coellin.
Cuetor	nor Ronro	AFE #:			Well Loca Well T	0.5.00	Aliso Canyon Storag Gas	e Facility
			Danny Walzel		Job T		Well Contro	
IVE			Standard Senson 25			No:	N/A	
D		of Charge		Comr		Units	Unit Charge	Total
		ntrol Specia		Danny (	100000	1		1,546,
		ol Specialis		James H		1	7	
S	. Well Cor	ntrol Engine	er 4	Danny	Walzel	1		
	HSES	pecialist	4	Mike B	aggett	1		
		10 =		557510			<u>- 1</u>	
- (		aily Expense	9	D.C./ D.W.		4	-	
	H	otel		D.C./ D.W. /	/ J.K. / M.B.	4		
	Pont	al Car				1		
-	7 - 2111	al Car				1		
	1350	ur our						
				Estin	nated Daily Total			
					ell Summary			
andard	Senson 25	5 has broad	hed to surface with se				AT ANY AND	
					5 ft. 2-7/8" tubing to 8,510	t. Packer	lepth 8,468 ft.	
Hour	Hour				Activity on Site			
5:45	6:00	Traveled f	rom hotel to location.					
6:00	6:30	Performed	site assessment. W	inds predominately o	out of the North. LEL's too	high to run	equipment.	
6:30	7:00	Attended r	noming operations/sa	fety meeting.				
7:00	12:30				V corner of Pad 25. Discu			
					required equipment. Repl	aced block v	alve in withdraw line. Du	g out and
40.00	46:00		ump in manifold. Inst		to secure Well 25.			
12:30	16:30			delegand in door.	Dobe ditared Fitters	and the same in the same	d planned Discovery	al layed as 112
	10.00				ne. Repositioned E-line e			
	10.00	choke mar	nifold and test separa	tors. Made up noise	temp tools. Rigged down	and moved	out 100T crane. Moved i	n back hoe.
	10.00	choke mar Excavated	nifold and test separa around concrete pad	tors. Made up noise south of well 25, Ex	/temp tools. Rigged down	and moved ed. Located	out 100T crane. Moved i grease fittings for 2-1/16	n back hoe. '5M safety
	10.30	choke mar Excavated valve. Fur	nifold and test separa around concrete pad action tested, shell test	lors. Made up noise south of well 25, Exted, and block and b	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
	10.00	choke mar Excavated valve. Fur Instructed	nifold and test separa around concrete pad action tested, shell test	lors. Made up noise south of well 25, Exted, and block and b	/temp tools. Rigged down	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p	nifold and test separa around concrete pad notion tested, shell te how to tack weld ring	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
	16:45	choke mar Excavated valve. Fur Instructed valve on p	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25. Ested, and block and b gaskets in place. In	Itemp tools. Rigged down exposed wash out. Backfill bleed tested to 400/5,000	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30	16:45	choke mar Excavated valve. Fur Instructed valve on p Attended	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise I south of well 25. Es sted, and block and b gaskets in place. In	/temp tools. Rigged down xposed wash out, Backfill bloed tested to 400/5,000 pspected adapter flanges to	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30 16:45	16:45 17:00	choke mar Excavated valve. Fur Instructed valve on p Attended & Traveled to	nifold and test separal around concrete pad notion tested, shell tenthe how to tack weld ring roduction line.	tors. Made up noise south of well 25, Es eted, and block and b gaskets in place. In g.	Itemp tools. Rigged down posed wash out. Backfill bleed tested to 400/5,000 pspected adapter flanges to the following the follow	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30 16:45	16:45 17:00	choke mar Excavated valve. Fur Instructed valve on p Attended & Traveled to	nifold and test separal around concrete pad action tested, shell tested to the tested	tors. Made up noise south of well 25, Es eted, and block and b gaskets in place. In g.	Itemp tools. Rigged down posed wash out. Backfill bleed tested to 400/5,000 pspected adapter flanges to the following the follow	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30 16:45	16:45 17:00	choke mar Excavated valve. Fur Instructed valve on p Attended & Traveled to	nifold and test separal around concrete pad action tested, shell tested to the tested	tors. Made up noise south of well 25, Ested, and block a	Itemp tools. Rigged down posed wash out. Backfill bleed tested to 400/5,000 pspected adapter flanges to the following the follow	and moved ed. Located psi. Tests go	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30 16:45	16:45 17:00	choke mar Excavated valve. Fur Instructed valve on p Attended of Traveled to	nifold and test separal around concrete pad action tested, shell tested to the tested	tors. Made up noise south of well 25, Ested, and block a	Itemp tools. Rigged down posed wash out. Backfilling to the steed to 400/5,000 period adapter flanges to the steed adapter flanges to the steed Operations.	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe. '5M safety welder.
16:30 16:45	16:45 17:00	choke mar Excavated valve. Fur Instructed valve on p Attended of Traveled to	ifold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line. and of the day meeting hotel.	tors. Made up noise south of well 25, Ested, and block a	Itemp tools. Rigged down prosed wash out, Backfille bloed tested to 400/5,000 pispected adapter flanges to the following tested of the following teste	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	in back hoe.  '5M safety welder. stalled relief
16:30 16:45	16:45 17:00 flow tubing	choke mar Excavated valve. Fur Instructed valve on p Attended of Traveled to	nifold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line.  and of the day meeting hotel.	tors. Made up noise south of well 25. Ested, and block a	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations fro.  Approvals  Print Name	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	n back hoe.  '5M safety welder. stalled relief
16:30 16:45 g up to	16:45 17:00 flow tubing	choke mar Excavated valve. Fur Instructed valve on p Attended of Traveled to	ifold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line. and of the day meeting hotel.	tors. Made up noise south of well 25. Ested, and block a	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations //ro.  Approvals  Print Name	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved i grease fittings for 2-1/16 ood. Sent safety valve to	in back hoe.  '5M safety welder. stalled relief
16:30 16:45	16:45 17:00 flow tubing Signature E	choke mar Excavated valve. Fur Instructed valve on p Attended of Traveled to to withdray	rifold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line. and of the day meeting hotel.  Willing, Run noise/temer Representative	lors. Made up noise south of well 25. Ested, and block a	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations If the species of the species	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved grease fittings for 2-1/16 od. Sent safety valve to ell 25 production line. In:	n back hoe.  '5M safety welder. stalled relief  Date
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16:30 16:45	flow tubing Signature E mployee National Danny Clayto Danny Walze	choke mar Excavated valve. Fur Instructed valve on p Attended e Traveled to  g to withdraw  are Custom  Boots and Come	infold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line.  and of the day meeting the hotel.  White, Run noise/term  To representative  Coots Representative  Hours on Location  10.75  10.75	Proje  Travel Hours  0.5 0.5	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations If the species of the species	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved grease fittings for 2-1/16 od. Sent safety valve to ell 25 production line. In:	n back hoe.  '5M safety welder. stalled relief  Date
16:30 16:45	16:45 17:00 flow tubing Signature E	choke mar Excavated valve. Fur Instructed valve on p Attended e Traveled to  g to withdraw  are Custom  Boots and Come	infold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line.  and of the day meeting that hotel.  White, Run noise/tem  The Representative  Coots Representative	Proje  Proje  Travel Hours  0.5	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations If the species of the species	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved grease fittings for 2-1/16 od. Sent safety valve to ell 25 production line. In:	n back hoe.  '5M safety welder. stalled relief  Date
16:30 16:45	flow tubing Signature E mployee National Danny Clayto Danny Walze	choke mar Excavated valve. Fur Instructed valve on p Attended e Traveled to  g to withdraw  are Custom  Boots and Come el ky	infold and test separal around concrete pad action tested, shell test how to tack weld ring roduction line.  and of the day meeting the hotel.  White, Run noise/term  To representative  Coots Representative  Hours on Location  10.75  10.75	Proje  Travel Hours  0.5 0.5	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations If the species of the species	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved grease fittings for 2-1/16 od. Sent safety valve to ell 25 production line. In:	n back hoe.  '5M safety welder. stalled relief  Date
16:30 16:45	flow tubing Signature E mployee Na Danny Clayto Danny Walze ames Kopeo	choke mar Excavated valve. Fur Instructed valve on p Attended e Traveled to  g to withdraw  are Custom  Boots and Come el ky	wiline. Run noise/tem er Representative  Coots Representative  Coots Representative  10.75 10.75 10.75	Projectors. Made up noise south of well 25. Ested, and block and b	Itemp tools. Rigged down sposed wash out. Backfille bleed tested to 400/5,000 hispected adapter flanges to spected Operations If the species of the species	and moved ed, Located psi. Tests go o rig up to W	out 100T crane. Moved grease fittings for 2-1/16 od. Sent safety valve to ell 25 production line. In:	n back hoe.  '5M safety welder. stalled relief  Date



	Mike Bagge	tt	11	0.5				
J	unico mojeco							
	ames Kopec	ky	11	0.5				
1	Danny Walze		11	0.5				
	Danny Clayto		- 11	0,5				
	mployee Na		Hours on Location	Travel Hours	Emplo	yee Name	Hours on Location	Travel Hours
	anter a	den	House on Company	Tomas ( O man)			Usuan and Landson	Windows Marie
	-	11170	La Company Company		Danny Wa			
Si	gnature E	Boots and	Coots Representativ	re l	Print Nar	ne		Date
	Signatu	re Custom	er Representative		Print Nar	ne		Date
					Approvals			
g up to	flow tubing	to withdra	w line. Attempt to rui	n gyro.				
					ected Operations			
				De-1	anted Operations			
1								
	i i							
		4-5-						
14	1							
		12						
	1							
		1						
3,148		- introduction	CHEWS.					
17:00	17:15	Traveled t		9:				
16:30	17:00		end of the day meetir		zoo production line.			
15:30	16:30		lubricator. Rigged d I rigging up to flow W		100T crane. Moved out i	man IIII.		
10:00	15:30		mperature to 8,390 ft			nan a life		
10.00	45.00	noise/tem		Value Value	-016- E-1-			
7:00	10:00			loved in man lift. Me	oved in and rigged up 100	T crane. Stab	bed lubricator. Ran in h	ole with
6:30	7:00		morning operations/s					141 10040
6:00	6:30				out of the North. LEL's to	oo high to run e	equipment.	
5:45	6:00		from hotel to location.					
Hour	Hour				Activity on Site			
		UTL. /" cas	sing to 8,585 ft. 5-1/2	slotted liner to 8,7	45 ft. 2-7/8" tubing to 8,5		ieptn 8,468 π.	
andard	Senson 25	nas broad	thed to surface with s	everal dissures on pa	ad Site.	10 # Pasker	louth 0 400 B	
tandard	Sancan 3	has been	had to surface with a					
					Vell Summary			
			-	Esti	mated Daily Total			
							-1	
	Rent	al Car				1		
		al Car	3 2 3 3 1	No.		1	40	
							-4,	
		otel		D.C./ D.W.	/J.K./M.B.	4		
	General Da	ally Expens	e	D.C./ D.W.	. / J.K. / M.B.	4		
			1 2 4 1	.,,,,,,			-7	
- 51		pecialist	4		Baggett	1		
		ntrol Engine			/ Walzel	1	7	
		ol Specialis			Kopecky	1		
		ntrol Specia			Clayton	1	- In straige	1,37441
De		of Charge	1000 G. 1000 J. 114 F. 100 D. 30 D.		ments	Units	Unit Charge	Total
			Standard Senson 25			ig No:	N/A	
			Danny Walzel			Type:	Well Contro	ol
Custon	ner Repre	sentative:			47777	Type:	Gas	ge racinty
		AFE #:	Norminage, CA, 91.	320	Well Loc	KK-1 Kn-1	Aliso Canyon Storag	re Facility
	ici miinig	Address:	Northridge, CA, 913			untry:	USA	
Custom	er Billing	X						
Custom			12801 Tampa Ave.,			State:	California	
Custom			Southern California (			ounty:	Los Angele	



			1-Dec-2015		Well Name and Numl	per: St		Report # 3
	Custom		Southern California G		Cou		Los Angeles	
Custom	er Billing	Address:	12801 Tampa Ave., S	C 9328	100	ate:	California	
175 E.W.		47.000	Northridge, CA, 913	26	Coun Well Locat		USA	o Coellity
Custom	er Renre	AFE #:			Well Locat	1.50	Aliso Canyon Storag Gas	e racility
			Danny Walzel		Job Ty		Well Contro	
118	Leas	e - Well #:	Standard Senson 25		Rig		N/A	
De	scription	of Charge	s: Level	Comn		Units	Unit Charge	Total
Sr.	Well Cor	trol Specia	list 4	Danny (		4	The same of the same of	
		ol Specialis		James k		1	300	
Sr		trol Engine		Danny		1		
	HOE S	pecialist	4	Mike B	aggett	1		
G	Seneral Da	ally Expense		D.C./ D.W. /	/ J.K. / M.B.	4		
		otel		D.C./ D.W. /		4		
	1.5577	al Car	1 3 1 1 1			1		
	Rent	al Car				1		
_								
				Estin	nated Daily Total			
					ell Summary			
andard 9	Senson 26	has brose	hed to surface with se					
					5 ft. 2-7/8" tubing to 8,510	ft. Packer	depth 8,468 ft.	
Hour	Hour			All Division of the second	Activity on Site		and the report of the	
5:45		Traveled f	rom hotel to location.		THE WAY THE			
6:00	6:30			nds predominately o	out of the North. LEL's too	high to run s	equipment.	
6:30	7:00	Attended r	noming operations/sa					
7:00	8:30		monitoring LEL's.					
8:30	10:00			d rigged up 100T cra	ine. Inspected diverter sys	tem on relie	f well. Recommended in	stalling 8"
10:00	11:00	diverter lin		sing processes 1 E4/	0 psi. Stabbed lubricator.	Don in the h	ole with mure	
11:00			to initialize gyro in sta			ran in the n	iole with gyro.	
14:30	15:00	Pulled into		LIDIO IN GIOCO IL. UI	resis to highlines.			
15:00	15:30	Monitored	LEL's before starting	man lift and crane.				
15:30	16:00	Laid down	lubricator and gyro.	Fubing pressure 1,51				
16:00			wn and moved out 10	OT crane. Moved or	ut man lift.			
16:30		Attended a	end of day meeting.					
16:45	17:00	raveled	o notel.					
				Proje	cted Operations			
ig up to f	low tubing	to 25B with	ndraw line. Run Gyro	on SS 25B.				
					Approvals			3
	Signatu	re Custom	er Representative		Print Name			Date
						_		
Si	gnature B	loots and C	Coots Representative		Print Name	P		Date
					Danny Walze			
En	nployee Na	me	Hours on Location	Travel Hours	Employe	e Name	Hours on Location	Travel Hours
	anny Clayto		10.75	0,5				
	Danny Walze		10,75	0.5				
	ames Kopec		10.75	0.5	2			
		_	10.75	0.5				
	Mike Bagget		10.10					
	Viike Bagget		10.10					



					COTE & COOTS SERVICES				
			2-Dec-2015	I Campan	Well Name and	AND THE RESERVE TO SERVE	Standard Senson 25	and the second second	3
	Custon	ner Name:	Southern Californ		A STATE OF S	County:		ngeles	
Custom	ner Billing	Address:	12801 Tampa Av			State:		ornia SA	
		AFE #:	Northridge, CA,	91320	Wall	Country:		Storage Facility	
Custon	ner Repre	sentative:				Well Type:		as	
			Danny Walzel			Job Type:		Control	
			Standard Senson	25		Rig No:	N	/A	
		of Charge		Co	mments	Units	Unit Charg	e T	otal
		ntrol Specia			ny Clayton	1			
		ol Specialis			s Kopecky	1	- 9		
Sr		ntrol Engine			ny Walzel	1			
-		pecialist ol Enginee	1		e Baggett nshenas/Houston	1 1			
		trol Specia			perg / NO CHARGE	0	-		
		aily Expens			V. / J.K. / M.B.	4			
		otel			V. / J.K. / M.B.	4			
		al Car	+ 1- 1			1			
	Rent	al Car				1			
						1			
					timeted Daily Tite!	Į.			
				Es	timated Daily Total				
to not well	Conses A	Shar been	had to surface of	h several fissures on	Well Summary				
		111111111111111111111111111111111111111			745 ft. 2-7/8" tubing to	8.510 ft Pan	ker denth 8 469 ft		_
Hour	Hour	The rods		The ordinary lines to o	Activity on		Maketi Alano III		
5:45	6:00	Traveled f	from hotel to locati	an	Activity on	Jile .			
6:00	6:30				y out of the North. LE	L's too high to	run equipment		
6:30	7:00		morning operation		, ser et ans restati. EL	ingitto	and administration		
7:00	10:15	Continued	monitoring LEL's	Performed site work	at NW corner of Pad	25 to allow drai	inage to culvert.		
10:15	11:00								
-27-100 Tall	11.00			100T crane and rigg					
11:00	13:30	Picked up	lubricator and gyr	o. Stabbed lubricator	on SS 25B. Attempte		hole. Unsuccessful. L		
-	-	Picked up Rigged do	lubricator and gyr wn and moved ou	o. Stabbed lubricator t 100T crane. Moved	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00	13:30	Picked up Rigged do pad south	lubricator and gyr wn and moved ou	o. Stabbed lubricator t 100T crane. Moved	on SS 25B. Attempte in excavator. Remove	ed choke line fr		leaned off cond	rete
11:00 13:30	13:30 16:30	Picked up Rigged do pad south lift.	lubricator and gyr wn and moved ou of SS 25. Rigged	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00 13:30 16:30	13:30	Picked up Rigged do pad south lift. Attended	lubricator and gyr own and moved ou of SS 25. Rigged end of the day me	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00 13:30	13:30 16:30 17:00	Picked up Rigged do pad south lift.	lubricator and gyr own and moved ou of SS 25. Rigged end of the day me	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended	lubricator and gyr own and moved ou of SS 25. Rigged end of the day me	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended	lubricator and gyr own and moved ou of SS 25. Rigged end of the day me	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended	lubricator and gyr own and moved ou of SS 25. Rigged end of the day me	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing	on SS 25B. Attempte in excavator. Remove	ed choke line fr	rom 7" casing valve. C	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended d Traveled t	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.	o. Stabbed lubricator t 100T crane. Moved I up to monitor tubing eting.	on SS 25B, Attempted in excavator. Remove pressure. Tubing pres	ed choke line fr ssure - 1,551 p	rom 7" casing valve. C si. Moved out excavate	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended d Traveled t	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.	o. Stabbed lubricator t 100T crane. Moved I up to monitor tubing eting.	on SS 25B. Attempte in excavator. Remove	ed choke line fr ssure - 1,551 p	rom 7" casing valve. C si. Moved out excavate	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended d Traveled t	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.	o. Stabbed lubricator t 100T crane. Moved I up to monitor tubing eting.	on SS 25B, Attempted in excavator. Remove pressure. Tubing pres	ed choke line fr ssure - 1,551 p	rom 7" casing valve. C si. Moved out excavate	leaned off cond	rete
11:00 13:30 16:30	13:30 16:30 17:00	Picked up Rigged do pad south lift. Attended d Traveled t	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.	o. Stabbed lubricator t 100T crane. Moved I up to monitor tubing eting.	on SS 25B, Attempted in excavator. Remove pressure. Tubing pres	ed choke line fr ssure - 1,551 p	rom 7" casing valve. C si. Moved out excavate	leaned off cond	rete
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11:00 13:30 16:30 17:00	13:30 16:30 17:00 17:15	Picked up Rigged do pad south lift. Attended d Traveled t  Arash Hag	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing eting.  initial model for dynamicator syro on SS 25B.	ron SS 25B, Attempted in excavator. Remove pressure. Tubing pressure in Example pressu	ed choke line fr ssure - 1,551 p	rom 7" casing valve. C si. Moved out excavate	leaned off cond	rete
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11:00 13:30 16:30 17:00	13:30 16:30 17:00 17:15	Picked up Rigged do pad south lift. Attended t Traveled t Arash Hag	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel. ghshenas: Set up	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing eting.  initial model for dynal eting properties on SS 25B.	on SS 25B, Attempted in excavator. Remove pressure. Tubing pressure. Tubin	ed choke line fresure - 1,551 pressure -	rom 7" casing valve. C si. Moved out excavate	leaned off conder. Moved out	rete
11:00 13:30 16:30 17:00	13:30 16:30 17:00 17:15 flow tubing	Picked up Rigged do pad south lift. Attended of Traveled t  Arash Hag to 258 with size Custom Boots and (	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.  ghshenas: Set up the draw line, Run Control Representative	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing eting.  initial model for dynamicator syro on SS 25B.	on SS 25B, Attempted in excavator. Remove pressure. Tubing pressure. Tubing pressure mic kill for relief well. It is a proving pressure. Approvals  Approvals  Print Danny	ed choke line fresure - 1,551 pressure -	rom 7" casing valve. Cosi. Moved out excavate	Date	rete
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11:00 13:30 16:30 17:00	13:30 16:30 17:00 17:15  flow tubing Signature E mployee Na Danny Clayto	Picked up Rigged do pad south lift. Attended of Traveled t  Arash Hag to 25B with the Custom Boots and Custom me	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.  ghshenas: Set up  hdraw line, Run Court Representativ  Coots Representativ  Hours on Location	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing eting.  initial model for dynamicator syro on SS 25B.  e ative  Travel Hours 0.5	on SS 25B, Attempted in excavator. Remove pressure. Tubing pressure. Tubing pressure mic kill for relief well. It is a proving pressure. Approvals  Approvals  Print Danny	ed choke line fresure - 1,551 pressure -	rom 7" casing valve. Cosi. Moved out excavate	Date	rete
11:00 13:30 16:30 17:00	13:30 16:30 17:00 17:15  flow tubing Signature E mployee Na Danny Clayto Danny Walze	Picked up Rigged do pad south lift. Attended of Traveled t  Arash Hag to 258 with are Custom Boots and 0	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.  ghshenas: Set up  hdraw line, Run Corer Representativ  Coots Representativ  Hours on Location 11	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing eting.  initial model for dynamicator syro on SS 25B.  e ative Travel Hours 0.5 0.5	on SS 25B, Attempted in excavator. Remove pressure. Tubing pressure. Tubing pressure mic kill for relief well. It is a proving pressure. Approvals  Approvals  Print Danny	ed choke line fresure - 1,551 pressure -	rom 7" casing valve. Cosi. Moved out excavate	Date	rete
11:00 13:30 16:30 17:00	13:30 16:30 17:00 17:15  flow tubing Signature E mployee Na Danny Clayto Danny Walziames Kopeo	Picked up Rigged do pad south lift. Attended of Traveled t  Arash Hag to 25B with are Custom Boots and G	lubricator and gyr wn and moved ou of SS 25. Rigged end of the day me o hotel.  ghshenas: Set up  thdraw line, Run Court Representative  Coots Representative  Hours on Location 11 11 11	o. Stabbed lubricator t 100T crane. Moved up to monitor tubing eting.  initial model for dynamicator syro on SS 25B.  e ative Travel Hours 0.5 0.5 0.5	on SS 25B, Attempted in excavator. Remove pressure. Tubing pressure. Tubing pressure mic kill for relief well. It is a proving pressure. Approvals  Approvals  Print Danny	ed choke line fresure - 1,551 pressure -	rom 7" casing valve. Cosi. Moved out excavate	Date	rete
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						COOTS & COOTS SENVEN						
		Date:	4-Dec-2015			Well Name an	d Number:	Standard	Senson 25	Report	#	41
	Custon		Southern Cali				County:		Los Ang	the same of the same of		
Custon	er Billing	Address:	12801 Tampa				State:		Californ			
- udion	Daining		Nonnindge, C	A, 913	26		Country:		USA			
	N. F. W.	AFE #:					Location:	Al	so Canyon Sto	rage Facil	ity	
		sentative:					Well Type:		Gas	1001		
Re			Danny Walzel Standard Sen				Job Type:		Well Cor N/A	itrol		-
D		of Charge		evel	Co	emments	Rig No: Units		Unit Charge		Total	
		ntrol Specia		4		ny Clayton	1		Unit Charge		Tutal	
		ol Specialis	7-1-2	4		es Kopecky	Y					
Sr	. Well Cor	ntrol Engine	per	4	Dar	ny Walzel	1					
		pecialist		4		e Baggett	1					
		rol Enginee		1		hshenas/Houston	1					
		ntrol Specia		4		berg / NO CHARGE	0					
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		on. 7" cas	sing to 8,585 ft	t. 5-1/2"	slotted liner to 8	745 ft. 2-7/8" tubing t		ker depth 8	,468 ft.			
Hour	Hour	Testalan	Grant hat 14. 1	47		Activity on	site					
5:45 6:00	6:30	LA COLOR	from hotel to lo	2.50.000	ared location for	work. 2-7/8" tubing pi	receure 1 FF2	nei				
6:30	7:00		morning safety			Work, 2-110 tubing pi	Cooure - 1,002	pai.				
7:00	9:00					crane. Attended meet	ting with DOGG	R and SCC	SC.			
9:00	12:00									a bound o	imp	
0,00	12.00	LICG DIRO	The state of the s	IOIG GIIG	pulled if offit class	er_ Closed swab valve.	bled of press	ure above	swap valve. R	sinoved b	on the	
0,00	12.00	line from \	wireline pump i	in sub, 1	Removed pump I	ine from tree assembly	outlet valve.	Sent pump	iron to decon to	be clean	ed and	ins
0,00	12.00	line from v	wireline pump i	in sub, 1	Removed pump I		outlet valve.	Sent pump	iron to decon to	be clean	ed and	ins
		line from v inspected 8" diverter	wireline pump i	in sub, 1	Removed pump I	ine from tree assembly	outlet valve.	Sent pump	iron to decon to	be clean	ed and	lins
12:00	12:30	line from v inspected 8" diverter Lunch	wireline pump i . Inspected rig r lines.	in sub, 1 gup of d	Removed pump I iverter system or	line from tree assembly n relief well. Reviewed	outlet valve. magna flux rep	Sent pump oort. Divert	iron to decon to er system cons	be clean ists of two	ed and	lins
12:00		line from v inspected 8" diverter Lunch Winds out	wireline pump in the lines.  t of the NW. L	in sub, I g up of d .EL's too	Removed pump iverter system or high to run man	line from tree assembly n relief well. Reviewed lift. Moved pump iron	outlet valve. magna flux rep	Sent pump oort. Divert S 25 pad.	iron to decon to er system cons Monitored LEL	be clean ists of two s. Moved	ed and	lins
12:00	12:30	line from ( inspected 8" diverted Lunch Winds out basket to	wireline pump in the lines.  t of the NW. L	in sub, I g up of d .EL's too	Removed pump iverter system or high to run man	line from tree assembly n relief well. Reviewed	outlet valve. magna flux rep	Sent pump oort. Divert S 25 pad.	iron to decon to er system cons Monitored LEL	be clean ists of two s. Moved	ed and	lins
12:00 12:30	12:30	line from ( inspected 8" diverted Lunch Winds out basket to crane,	wireline pump in the lines.  Inspected right r lines.  t of the NW. L. SS 25 pad. O.	in sub, 1 g up of d EL's too pened s	Removed pump iverter system or high to run man wab valve to mo	line from tree assembly n relief well. Reviewed lift. Moved pump iron	outlet valve. magna flux rep	Sent pump oort. Divert S 25 pad.	iron to decon to er system cons Monitored LEL	be clean ists of two s. Moved	ed and	l ins
12:00 12:30 16:30	12:30 16:30	line from ( inspected 8" diverted Lunch Winds out basket to crane,	wireline pump in the second of the NW. L. SS 25 pad. Our end of the day	in sub, 1 g up of d EL's too pened s	Removed pump iverter system or high to run man wab valve to mo	line from tree assembly n relief well. Reviewed lift. Moved pump iron	outlet valve. magna flux rep	Sent pump oort. Divert S 25 pad.	iron to decon to er system cons Monitored LEL	be clean ists of two s. Moved	ed and	l ins
12:00 12:30 16:30	12:30 16:30	line from vinspected 8" diverted Lunch Winds out basket to crane.	wireline pump in the second of the NW. L. SS 25 pad. Our end of the day	in sub, 1 g up of d EL's too pened s	Removed pump iverter system or high to run man wab valve to mo	line from tree assembly n relief well. Reviewed lift. Moved pump iron	outlet valve. magna flux rep	Sent pump oort. Divert S 25 pad.	iron to decon to er system cons Monitored LEL	be clean ists of two s. Moved	ed and	lins
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12:00 12:30	12:30 16:30	line from vinspected 8" diverted Lunch Winds out basket to crane. Attended I Traveled I	wireline pump in the lines. Inspected right of the NW. L. SS 25 pad. Out of the day to hotel.	in sub, I g up of d EL's too pened s	Removed pump iverter system or high to run man wab valve to mo	line from tree assembly n relief well. Reviewed lift. Moved pump iron	y outlet valve. Imagna flux rep magna flux rep from SS 1 to S 2-7/8 - 1,456 ps	Sent pump port. Divert S 25 pad. si. Rigged	iron to decon to er system cons Monitored LEL down and move	be clean ists of two s. Moved ed out 100	ed and	lins
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12:00 12:30	12:30 16:30	line from vinspected 8" diverted Lunch Winds out basket to crane. Attended Traveled I	wireline pump in the lines. Inspected right of the NW. L. SS 25 pad. Out of the day to hotel.	in sub, 1 g up of d  EL's too pened s meeting	Removed pump iverter system or high to run man wab valve to mo	line from tree assembly n relief well. Reviewed lift. Moved pump iron nitor tubing pressure.	y outlet valve. Imagna flux rep magna flux rep from SS 1 to S 2-7/8 - 1,456 ps	Sent pump port. Divert S 25 pad. si. Rigged	iron to decon to er system cons Monitored LEL down and move	be clean ists of two s. Moved ed out 100	ed and	lins
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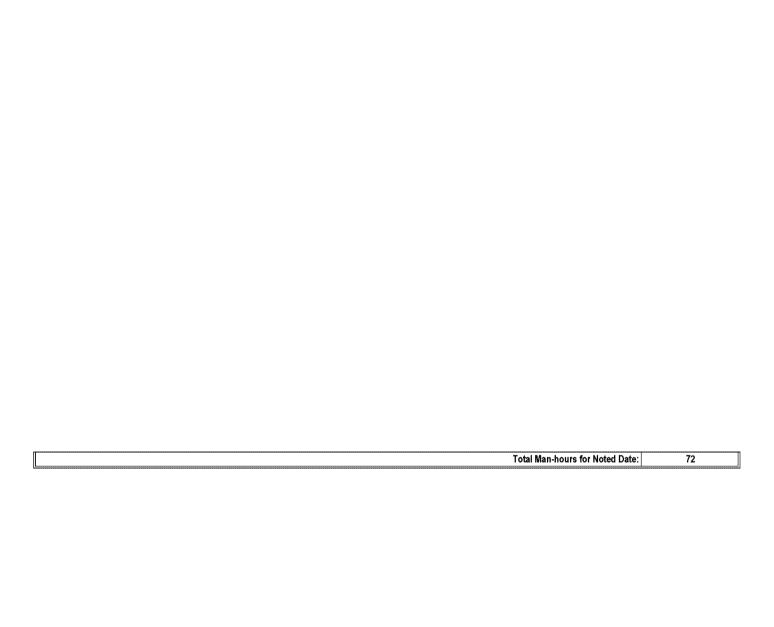
						OTE & COOTS SERVICES					
		Date:	3-Dec-2015			Well Name an	d Number:	Standard	Senson 25	Report	# 4
	Custon	ner Name:	Southern Califo				County:		Los Ange	les	
Sustan	er Billing	Address:	12801 Tampa /				State:		Californ	ia	
-uatori	During		Northridge, CA	91326			Country:		USA		
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andard	Senson 2	5 has broad	hed to surface	with seve	ral fissures on p						
						45 ft. 2-7/8" tubing to	8.510 ft. Pac	ker denth 8	468 ft.		
Hour	Hour	1	J	- 112 91	and the state of the	Activity on		and select of	CAT M		
5:45	6:00	Traveled I	from hotel to loc	ation		Activity of					
6:00	6:30				red location for v	vork. 2-7/8" tubing pr	essure - 1.561	bsi.			
6:30	7:00		morning safety			_ To Toping pi	1,001	F-5//			
7:00	12:00					rane. Removed 2-1/	16" 5M x 1502	thread half a	dapter flange	from tree	
			outlet valve. In						-		
1476 222				CIGITAG E	-1/10 SIVI SUITAC	e safety valve. Insta	lied 5, pM co-II	ex hose.			
12:00	16:45		shoke line to c	hoke mai	nifold. Secured	with concrete blocks.	SCGC purged	withdraw lin			ed
12:00	16:45	line to 500	choke line to c psi. Spotted c	hoke mai	nifold. Secured ce. Rigged up to	with concrete blocks. monitor tubing press	SCGC purged sure. Installed	l withdraw lir control lines	to SSV. Atter	npted to	
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16:45 17:15	17:15 17:30	line to 500 pressure t SSV mani Attended Traveled t Observed	choke line to copy of the control of	hoke mail onex offic Observe ft SSV in neating.	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.	with concrete blocks, or monitor tubing pressed valve. Opened in Rigged down and mo	SCGC purger sure. Installed nside manual g oved out 110T	l withdraw lir control lines ate valve on crane, Move	to SSV. Atter tree assembly d out man lift.	mpted to 7. Remove 2-7/8": 1,	ed
16:45 17:15	17:15 17:30	line to 500 pressure to SSV manu Attended to Traveled to Observed  Arash Hag	o choke line to copy of the control of the day noted of t	hoke mail onex offic Observe ft SSV in neeting.	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.	with concrete blocks, or monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve.	SCGC purged sure. Installed inside manual g oved out 110T	l withdraw lir control lines ate valve on crane, Move	to SSV. Atter tree assembly d out man lift.	npted to . Removi 2-7/8": 1,	ed 554 psi.
16:45 17:15	17:15 17:30	line to 500 pressure to SSV manu Attended to Traveled to Observed  Arash Hag	choke line to copy of the control of	hoke mail onex offic Observe ft SSV in neeting.	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.  The second position are at relief well.  The second position are at relief well.	with concrete blocks, or monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve. Opened in Rigged down and monitor tubing pressed valve.	SCGC purger sure. Installed nside manual g oved out 110T	l withdraw lir control lines ate valve on crane, Move	to SSV. Atter tree assembly d out man lift.	mpted to 7. Remove 2-7/8": 1,	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to	line to 500 pressure t SSV mani Attended t Traveled t Observed Arash Hag	o choke line to copy of the control of the day not be control of the day not be control of the day not be control of the contr	hoke mail onex offic Observe ft SSV in neeting.	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.  The second position are at relief well.  The second position are at relief well.	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  jected Operations  Approvals  Print	SCGC purged sure. Installed inside manual g oved out 110T lines. well. Set up m	l withdraw lir control lines ate valve on crane, Move	to SSV. Atter tree assembly d out man lift.	npted to Property Remove 2-7/8": 1,  Date	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to	line to 500 pressure t SSV mani Attended t Traveled t Observed Arash Hag	o choke line to copy of the control of the day noted of t	hoke mail onex offic Observe ft SSV in neeting.	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.  The second position are at relief well.  The second position are at relief well.	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print	SCGC purged sure. Installed inside manual goved out 110T lines. well. Set up m	l withdraw lir control lines ate valve on crane, Move	to SSV. Atter tree assembly d out man lift.	npted to . Removi 2-7/8": 1,	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to	line to 500 pressure t SSV mani Attended t Traveled t Observed Arash Hag	o choke line to copy of the control of the day not be control of the day not be control of the day not be control of the contr	hoke mail onex offic Observe ft SSV in neeting.	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.  The second position are at relief well.  The second position are at relief well.	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print	SCGC purged sure. Installed inside manual g oved out 110T lines. well. Set up m	l withdraw lir control lines ate valve on crane, Move	to SSV. Atter tree assembly d out man lift.	npted to Property Remove 2-7/8": 1,  Date	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to	line to 500 pressure to SSV manice Attended to 1 Traveled to 1 Observed Arash Hag	o choke line to copy of the control of the day not be control of the day not be control of the day not be control of the contr	hoke mail onex office of the control	nifold. Secured be. Rigged up to ad leak from nee closed position.  The second position are at relief well.  The second position are at relief well.  The second position are at relief well.	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print  Danny	SCGC purged sure. Installed inside manual goved out 110T lines. well. Set up m	I withdraw lincontrol lines ate valve on crane. Move	to SSV. Atter tree assembly d out man lift.	Date	ed 554 psi.
16:45 17:15 ow SS 2	17:15 17:30 25 tubing to Signature E	line to 500 pressure t SSV mann Attended Traveled t Observed Arash Hag o SS 258 w are Custom Boots and t	o choke line to cooperation of the day noted in the day n	hoke mail onex office of the control	nifold. Secured be. Rigged up to be Rigged up to be closed position.  The project of the closed position of the closed position of the closed position.  The project of the closed position of the closed position of the closed position.	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print  Danny	SCGC purged sure. Installed inside manual groved out 110T lines.  Well. Set up manual sure to Name to Name y Walzel	I withdraw lincontrol lines ate valve on crane. Move	to SSV. Atter tree assembly d out man lift.	Date	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to Signature Employee Na	line to 500 pressure to SSV mann Attended to Traveled to Observed  Arash Hag o SS 258 ware Custom Boots and to me	ochoke line to copy set pump lines. Let end of the day note installation of dighshenas: Confidence Representations of the Representation of the Representa	hoke mail onex office of the control	nifold. Secured be. Rigged up to be Rigged up to be closed position.  Travel Hours	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print  Danny	SCGC purged sure. Installed inside manual groved out 110T lines.  Well. Set up manual sure to Name to Name y Walzel	I withdraw lincontrol lines ate valve on crane. Move	to SSV. Atter tree assembly d out man lift.	Date	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to Signature Employee Na Danny Glayto Danny Walz	line to 500 pressure to SSV manual Attended to Traveled to Observed Arash Hag on SS 258 was a second to SS 258 was	choke line to a positive set pump lines. Let end of the day not note.  installation of dighshenas: Confidence of the day note.  installation of dighshenas: Confidence of the day note.	hoke mail onex office of the control	prifold. Secured be. Rigged up to be Rigged up to be closed position.  Travel Hours  0.5	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print  Danny	SCGC purged sure. Installed inside manual groved out 110T lines.  Well. Set up manual sure to Name to Name y Walzel	I withdraw lincontrol lines ate valve on crane. Move	to SSV. Atter tree assembly d out man lift.	Date	ed 554 psi.
16:45 17:15	17:15 17:30  25 tubing to Signature Employee Na Danny Glayto Danny Walzames Kopec	line to 500 pressure to SSV manual Attended to Traveled to Observed  Arash Hagon SS 258 was a constant to the Custom Boots and	choke line to a positive set pump lines. Let end of the day not note.  circulation of day not note.	hoke mail onex office of the control	prifold. Secured be. Rigged up to be Rigged up to be closed position.  Travel Hours  0.5  0.5	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print  Danny	SCGC purged sure. Installed inside manual groved out 110T lines.  Well. Set up manual sure to Name to Name y Walzel	I withdraw lincontrol lines ate valve on crane. Move	to SSV. Atter tree assembly d out man lift.	Date	ed 554 psi.
16:45 17:15	17:15 17:30 25 tubing to Signature Employee Na Danny Glayto Danny Walz	line to 500 pressure to SSV manual Attended to Traveled to Observed Arash Hage of SS 258 was a constant of the	ochoke line to copy of the cop	hoke mail onex office of the control	prifold. Secured be. Rigged up to the closed position.  Travel Hours  0.5  0.5  0.5	with concrete blocks. o monitor tubing press edle valve. Opened in Rigged down and mo  Discussed securing ill scenarios for relief  iected Operations  Approvals  Print  Danny	SCGC purged sure. Installed inside manual groved out 110T lines.  Well. Set up manual sure to Name to Name y Walzel	I withdraw lincontrol lines ate valve on crane. Move	to SSV. Atter tree assembly d out man lift.	Date	ed 554 psi.



					8000	& COOTS SERVICES			
		Date:	5-Dec-201	5		Well Name and	d Number:	Standard Senson 25	Report #   42
	Custor		Southern C	California G	as Company	211111111111111111111111111111111111111	County:	Los Ange	
ueton	ner Billing	Address:	12801 Tan	npa Ave., S	C 9328		State:	Californi	a
uston	ner billing	Audiess.	Northridge	CA, 913	26		Country:	USA	
		AFE #:			1	20000	Location:	Aliso Canyon Stor	age Facility
		sentative:					Well Type:	Gas	
Re			Danny Wa				Job Type:	Well Cont	trol
			Standard S				Rig No:	N/A	
		of Charge		Level	Comn		Units	Unit Charge	Total
		ntrol Specia		4	Danny (		1		
		ol Specialis		4	Darny		1		
- 3		pecialist	,01	4	Mike B		1		
	(102.0	Poblation			Time D	aggon			
St	r. Well Cor	ntrol Specia	list	4	Richard Hatteber	g / NO CHARGE	0		
- (	General Da	aily Expens	e		D.C./ D.W. /		4		
	Н	otel			D.C./ D.W. /	/ J.K. / M.B.	4		
		tal Car					1		
	Rent	tal Car					1		
							1		
					F-100	and and Daily Tatal	1		
						nated Daily Total			
		-		St. 10 Th 49		ell Summary			
					everal fissures on par		DEAD B	can double 0 400 P	
		ν π. /" cas	sing to 8,58	oπ. 5-1/2	slotted liner to 8,74			ter depth 8,468 ft.	
Hour	Hour	Terror	Grand has the	a fax at		Activity on	site		
5:45 6:00	6:00	The second second	from hotel to	Control of the Contro	inde out of the Most	Took I Classifier	e IEI'a ta - ti	ah ta ataut saudan sat sa C	outh side of
0.00	6.30	location.	u site asses	sment. VV	inds out of the North	. TOOK LEL reading	s. LELS 100 hi	gh to start equipment on S	outn side of
6:30	7:00	100 00000000000000000000000000000000000	morning eat	fety/operat	ions meeting.				
7:00	8:00		morning sai		one medung.				
8:00	8:45				ntered Pad 25 from t	the North.			
8:45	12:30						er. Welder wil	build bridge to place over	hydraulic lines
2 11					d lengthening valve				
12:30	14:30				side of location.				
14:30	13:00		and rigged						
13:00	13:45				shoot. Requested a				
13:45	16:15				OT crane. 2-7/8" - 1	,535 psi.			
16:15	16:30	Attended	end of the o	ay meetin	1.				
		-							
		-							
	-	Relief We	II: Drilled to	+/- 360 fe	ot				
	1	Keller We	ii. Dillied to	17- 500 10	OL.				
	1								
- 11									
						cted Operations			
		o SS 25B v	vithdraw line	Run Gyı	o on SS 25B.				
ow SS 2	25 tubing t								
ow SS 2	25 tubing t				- T	Approvals		4	
ow SS 2				entative		Print	Name		Date
ow SS 2		ıre Custom	er Represe						
ow SS 2		ıre Custom	er Represe						Date
	Signatu		er Represe	resentativ		Print	Name		Date
	Signatu			resentativ	2				Date
S	Signatu ignature E	Boots and	Coots Repr			Danny	y Walzel	Hours on Location	
S	Signature E	Boots and	Coats Repr	Location	Travel Hours	Danny		Hours on Location	Travel Hours
S	Signature E imployee Na Danny Clayto	Boots and I	Coots Repr	Location 25	Travel Hours 0.5	Danny	y Walzel	Hours on Location	
S	Signature E ignature B imployee Na Danny Clayte Danny Walz	Boots and one	Hours on 10.2	Location 25	7 Travel Hours 0,5 0.5	Danny	y Walzel	Hours on Location	
S	Signature E imployee Na Danny Clayto Danny Walz James Kopeo	me on el	Hours on 10.2	Location 25 25 25	7 Travel Hours 0.5 0.5 0.5	Danny	y Walzel	Hours on Location	
S	Signature E ignature B imployee Na Danny Clayte Danny Walz	Goots and one	Hours on 10.2	Location 25 25 25 25 25	7 Travel Hours 0,5 0.5	Danny	y Walzel	Hours on Location	



				NO.	OTE & COOTS SERVICES			
			7-Dec-2015		Well Name and	Number:	Standard Senson 25	Report # 4
	Custon	ner Name:		rnia Gas Company		County:	Los Angele	
Custom	er Billing	Address:	12801 Tampa A			State:	California	N -
10000		AFE#:	Northridge, CA,	91326	Wall	Country: Location:	USA Aliso Canyon Stora	es Casiliby
Custon	ner Repre	sentative:				Well Type:	Gas	ge Facility
			Danny Walzel		+	Job Type:	Well Contr	ol
			Standard Senso	on 25		Rig No:	N/A	
De	escription	of Charge	es: Le	vel Con	nments	Units	Unit Charge	Total
		ntrol Specia			Hatteberg	1		
		ol Specialis			Kopecky	1		
Sr		ntrol Engine	eer 4		y Walzel Baggett	1		
		pecialist			on / In Transit	9		
V		ol Specialis			tel / In Transit	1		
C	Seneral Da	aily Expens	e	D,W, / J,K, / M.E	B. / R.H. / M.P. / T.M	6		
		otel			Г.М. / М.В. / М.Р.	5		
		Fare			s Martel	1		
	-	Fare tal Car		Mike	Patton	1	-	
		tal Car				1		
		al Car				1		
- 1	Well Conti	rol Enginee		Arash Haghs	henas / Houston	1		
					imated Daily Total			
					Well Summary			
				with several fissures on p		0.540 5 5		
		UTL 7" cas	sing to 8,585 ft.	5-1/2" slotted liner to 8,7			er deptn 8,468 ft.	
Hour 5:45	Hour	Travaled 6	from hotel to loca	ation	Activity on	ous		
6:00	6:00	100000000000000000000000000000000000000	Committee of the commit		th. Took LEL readings	s. LEL's too bio	h to start equipment on So	uth side of
2,50	3,00		2-7/8" - 1,526 ps		in took EEE toddings	LLL S (OS ING	orate odalbiliotic off Oo	an 1 0100 01
6:30	7:00			operations meeting.				
7:00	7:45						sure after 5 minutes 485 p	
7:45	8:00					e line with well	pressure of 1,525 psi. Tes	good.
8:00	8:30 9:30			se - 14 sec. Time to oper atives and discussed oper		line		
9:30	10:30						psi. Initial rate 11 MMscf/	rlav
10:30	17:00						rate out of facility. (12:00)	
							osed choke. Tubing pressi	
		1					ng on 1/2" choke. (16:00)	FTP - 1,370 psi.
47.00	47.45	1		James Kopecky will stay	on location to monitor	r well overnight.		
17:00 17:15	17:15 17:30	Traveled t	end of the day n	neeting.				
17.13	17.30	Traveleu I	to notes.					
		Relief We	II: Drilled to 362	ft. Pump Cement plug	#3. Waiting on cemen	nt,		
-								
					of 13-3/8" casing, Fal	bricated guide f	or temporary vent tube. Di	scussed
-		labricating	stinger for 2" w	elinead outlet.				
		Arash Had	ahshenas: Prep	ared final kill analysis for	relief well. Prepared	Final Report,		
150000	E L. I.	- 11 ft - 1	(total points and		jected Operations			
low SS 2	o tubing t	o withdraw	line. Run Gyro	on SS 25B.				
					Approvals			
	Signatu	ire Custom	ner Representat	tive		Name		Date
		2-2-3-10						
Si	onature F	Boots and (	Coots Represer	ntative	Print	Name		Date
31	grideni e t	Sere and	-cola (repleae)	Total Vic				Duic
	unlawa - N	P0.5	Harris de Lacid	(an   Tracel Users		Walzel	Home on Leading	Travel Harris
	nployee Na		Hours on Locat	ion Travel Hours	E	mployee Name Travis Martel	Hours on Location	Travel Hours
	chard Hatteb Danny Walz		11	0.5		Havis Marter		J
		GI	41					
I		dru .	15	0.5				
I Ja	ames Kopeo Mike Bagge		18	0.5				





						OTS & COOTS SERVICES			
		Date:	6-Dec-2015			Well Name and	Number:	Standard Senson 25	Report #   43
	Custor		Southern Cal			1	County:	Los Angel	es
Custom	er Billing	Address:	12801 Tampa				State:	California	a
		AFE #:	Northridge, C	A, 9132	26	186-71	Country: Location:	USA Aliso Canyon Stora	an Englis
Custon	ner Renre	Sentative:				120111	Vell Type:	Aliso Canyon Stora Gas	age racility
			Danny Walze	el			Job Type:	Well Cont	lor
			Standard Ser				Rig No:	N/A	
		of Charge		Level	Com	iments	Units	Unit Charge	Total
		ntrol Specia		1		ton / In Transit	1		
		ol Specialis		4		Kopecky	1		
Sr		ntrol Engine pecialist	eer	4		y Walzel Baggett	1		
Sr		trol Specia	dist	4		Hatteberg	1		
		fare				Hatteberg	1		
	General Da	ally Expens	e		D.C./ D.W. / J	I.K. / M.B. / R.H.	5		
		otel				./ J.K. / M.B.	4		
		pecialist			Mike Patton / In	Transit / No Charge	0		
		al Car al Car		-			1		
	Nerti	ui Oai							
					Est	imated Daily Total			
						Well Summary			
					veral fissures on p		And A		
		0 ft. 7" cas	sing to 8,585 f	ft. 5-1/2"	slotted liner to 8,7	45 ft. 2-7/8" tubing to		cer depth 8,468 ft.	
Hour	Hour		- Co. 19 - 24 - 2 - 2	500.00		Activity on	Site		
5:45	6:30	The second second	from hotel to le	A CONTRACTOR OF THE PARTY OF TH	nde nut at the N	h Tank I El manti	1004-5-14	sh to start a still and a second	nuth midf
0.00	0.30		2-7/8" - 1,535		IN DUI OF THE NOT	I TOOK LET reading	s. LELS (00 hi	gh to start equipment on So	outh side of
6:30	7:00	ALCOHOL: STATE OF	morning safet	1-3-3	tions meeting.				
7:00	7:30					ting with SCGC and I	DOGGR.		
7:30	9:00					nd west side of location			
9:00	12:45							sonnel basket, and empty p	
		assembly		noved out	. Moved in man li	it to the NE of SS 25.	installed pum	p lines to wireline side entry	y sub and tree
12:45	13:30		outier.						
	13:30 14:30	Lunch		with fresh	water. Tested pu	mp line and 1502 pur	np iron to 300 p	osi for 5 minutes and 5,000	psi for
		Lunch Filled 2-7/ 10 minute	/8" pump line v						
12:45 13:30 14:30	14:30 16:30	Lunch Filled 2-7/ 10 minute Rigged do	/8" pump line v es. Test good. own lubricator.	Back lo	aded lubricator, gr			osi for 5 minutes and 5,000 decon for cleaning, 2-7/8" -	
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended	/8" pump line ves. Test good. own lubricator. end of the day	Back lo	aded lubricator, gr				
13:30 14:30 16:30	14:30 16:30	Lunch Filled 2-7/ 10 minute Rigged do	/8" pump line ves. Test good, own lubricator, end of the day	Back lo	aded lubricator, gr				
13:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o		1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30	14:30 16:30 17:00	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	. Back lo: y meeting	aded lubricator, gr	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good, own lubricator, end of the day to hotel.	Back los y meeting 162 ft Ex	perienced lost circ	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good. bown lubricator. end of the day to hotel.	Back los y meeting	perienced lost circ	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good, own lubricator, end of the day to hotel.	Back los y meeting	perienced lost circ	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good, own lubricator, end of the day to hotel.	Back los y meeting 162 ft Ex	perienced lost circ	ease unit, and tool ba	sket. Sent to d	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good, own lubricator, end of the day to hotel.	Back los y meeting 162 ft Ex	perienced lost circ	ease unit, and tool ba	sket. Sent to o	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good, own lubricator, end of the day to hotel.  III: Drilled to 3	Back los y meeting 662 ft. Ex	perienced lost circ	ease unit, and tool ba	sket. Sent to describe the sket.	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00	14:30 16:30 17:00 17:15	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We	/8" pump line ves. Test good, own lubricator, end of the day to hotel.	Back los y meeting 662 ft. Ex	perienced lost circ	ease unit, and tool backers ulation. Pumped cen ected Operations Approvals Print	sket. Sent to describe the sket.	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00 bw SS 2	14:30 16:30 17:00 17:15 25 tubing t Signatu	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We  o withdraw  are Custom  Boots and	(8" pump line ves. Test good, own lubricator, end of the day to hotel.  III: Drilled to 3	Back los y meeting 362 ft Ex ro on SS	perienced lost circ	ease unit, and tool backers culation. Pumped cen ected Operations  Approvals  Print Danny	sket. Sent to describe the sket. Sent to describ	lecon for cleaning. 2-7/8" -	1,536 psi.  cement job.  Date  Date
13:30 14:30 16:30 17:00 bw SS 2	14:30 16:30 17:00 17:15 Signature Employee Na	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We  o withdraw  are Custom  Boots and	/8" pump line ves. Test good, own lubricator, end of the day to hotel.  III: Drilled to 3	Back los y meeting 362 ft Ex ro on SS	perienced lost circ	ease unit, and tool backers culation. Pumped cen ected Operations  Approvals  Print Danny	sket. Sent to describe the sket.	lecon for cleaning. 2-7/8" -	1,536 psi.
13:30 14:30 16:30 17:00 0w SS 2	14:30 16:30 17:00 17:15 Signature Employee Na	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled i Relief We  o withdraw  are Gustorn  Boots and	(8" pump line ves. Test good, own lubricator, end of the day to hotel.  III: Drilled to 3  line. Run Gyr mer Represent	Back los y meeting 362 ft Ex ro on SS	perienced lost circ  Proj  258.  Travel Hours	ease unit, and tool backers culation. Pumped cen ected Operations  Approvals  Print Danny	sket. Sent to describe the sket. Sent to describ	lecon for cleaning. 2-7/8" -	1,536 psi.  cement job.  Date  Date
13:30 14:30 16:30 17:00 ow SS 2	14:30 16:30 17:00 17:15 Signature Employee Nationally Walz	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled i Relief We  o withdraw  are Gustorn  Boots and i me	(8" pump line ves. Test good, own lubricator, end of the day to hotel.  Ili: Drilled to 3  line. Run Gyr mer Represent  Coots Represent	Back los y meeting 662 ft Ex ro on SS	perienced lost circ  Proj  258.  Travel Hours  7 0.5	ease unit, and tool backers culation. Pumped cen ected Operations  Approvals  Print Danny	sket. Sent to describe the sket. Sent to describ	lecon for cleaning. 2-7/8" -	1,536 psi.  cement job.  Date  Date
13:30 14:30 16:30 17:00 ow SS 2	14:30 16:30 17:00 17:15 Signature Employee Nationally Walzames Koped	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled 1 Relief We  o withdraw  are Gustorn  Boots and 1  in the content of t	(8" pump line ves. Test good, own lubricator, end of the day to hotel.  Ili: Drilled to 3  line. Run Gyr mer Represent  Coots Represent  Hours on Local State of the service of the servic	Back los y meeting 662 ft Ex ro on SS	perienced lost circ  Proj  258.  Travel Hours  7  0.5  0.5	ease unit, and tool backers culation. Pumped cen ected Operations  Approvals  Print Danny	sket. Sent to describe the sket. Sent to describ	lecon for cleaning. 2-7/8" -	1,536 psi.  cement job.  Date  Date
13:30 14:30 16:30 17:00 ow SS 2	14:30 16:30 17:00 17:15 Signature Employee Nationally Walz	Lunch Filled 2-7/ 10 minute Rigged do Attended Traveled fi Relief We  o withdraw  are Gustorn  Boots and fi  it  it  it  it  it  it  it  it  it	(8" pump line ves. Test good, own lubricator, end of the day to hotel.  Ili: Drilled to 3  line. Run Gyr mer Represent  Coots Represent	Back los y meeting 662 ft Ex ro on SS	perienced lost circ  Proj  258.  Travel Hours  7 0.5	ease unit, and tool backers culation. Pumped cen ected Operations  Approvals  Print Danny	sket. Sent to describe the sket. Sent to describ	lecon for cleaning. 2-7/8" -	1,536 psi.  cement job.  Date  Date



					OTS & COOTS SERVICES			
		Date:	8-Dec-2015		Well Name and	Number:	Standard Senson 25	Report # 4
	Custon		Southern Californ	nia Gas Company		County:	Los Angele	s
uston	ner Billing	Address:	12801 Tampa A			State:	California	
	- autility		Nonninge, CA,	91326	11.0	Country:	USA	and the same
Custon	nor Donro	AFE #: sentative:				Location:	Aliso Canyon Storag	ge Facility
			Danny Walzel			Vell Type: Job Type:	Well Contro	ol.
IVE			Standard Sensor	125		Rig No:	N/A	01
De		of Charge			ments	Units	Unit Charge	Total
		trol Specia			Hatteberg	1		
		ol Specialis		James	Kopecky	1		
SI		trol Engine			y Walzel	7		
		pecialist	1		ett / In Transit	1		
1	the second second second	pecialist ol Specialis	st 4		Patton s Martel	1		
		ally Expens			. / R.H. / M.P. / T.M.	6		
		otel	, ,	and the second s	/T.M./M.P.	4		
		200		1,40,5 41,0	7 1000-2 1001-2			
	Equi	pment	1	Plugging Injection	Manifold / Standby	1		
	Rent	al Car	123			1		
	2000	al Car		4 -		1		
	Rent	al Car				1		
_					to and posts and			
					imated Daily Total			
224-22	0.00	fals been	the decrease and		Well Summary			
				th several fissures on p		9.510 # Deel	or donth 9 469 4	-
	Hour	T cas	sing to 6,000 ft. S	-1/2" slotted liner to 8.7	Activity on		er deptir 0,400 ft.	
Hour 5:45		Travalad	from hotel to local	ion	Activity on	SILE		
6:00	6:00				h Took LEL readings	IFI's too hir	h to start equipment on So	uth side of
2,20	5,50			stimated gas rate from		- LLE 9 100 / 110	start squipment on our	and older of
6:30	7:00			perations meeting.			Ly	
7:00	9:00	Continued	d monitoring LEL's	. Took measurements			of stinger assembly for 2" w	
9:00	9:30						noke to 1"_ FTP - 1,440 psi.	
						psi. No increa	ise of gas rate observed. C	Opened choke
0.00	44.00			psi. No increase of gas				
9:30	14:00			n 1 1/2" choke. FTP - 1, ntinued clearing pad 25.				
16:00	16:15			eeting. Travis Martel re-		monitor SS 25	through the night	
	1	Traveled		oung. Transmittering	Tiallies of legalet to	monitor of 25	throught the digital	
16:15	16:30	1.1.20. 2.2.20.						
16:15	16:30	1.00	0, 13,5511					
16:15	16:30	A COL			ž			
16:15	16:30	Trucking (		manifold from Houston,	Texas.			
16:15	16:30		plugging injection		Texas.			
16:15	16:30				Texas			
16,15	16;30		plugging injection		Texas.			
16:15	16:30		plugging injection		Texas.			
16:15	16:30		plugging injection		Texas.			
16:15	16:30		plugging injection		Texas.			
16:15	16:30		plugging injection		Texas.			
16:15	16:30		plugging injection		Texas.			
16:15	16:30		plugging injection	at 450 ft.				
		Relief We	plugging injection	at 450 ft.	Texas.			
		Relief We	plugging injection	at 450 ft.				
		Relief We	plugging injection	at 450 ft.	ected Operations			
	25 tubing to	Relief We	plugging injection ell: Drilling ahead	et 450 ft. Proj n SS 258.	ected Operations Approvals			
	25 tubing to	Relief We	plugging injection	et 450 ft. Proj n SS 258.	ected Operations Approvals	Name		Date
ow SS 2	25 tubing to Signatu	Relief We	plugging injection ell: Drilling ahead line. Run Gyro o	Proj n SS 258.	ected Operations  Approvals  Print			
ow SS 2	25 tubing to Signatu	Relief We	plugging injection ell: Drilling ahead	Proj n SS 258.	ected Operations  Approvals  Print	Name Name		Date Date
ow SS 2	25 tubing to Signatu	Relief We	plugging injection ell: Drilling ahead line. Run Gyro o	Proj n SS 258.	ected Operations  Approvals  Print			
ow SS 2	25 tubing to Signatu	Relief We	plugging injection ell: Drilling ahead line. Run Gyro o	Proj n SS 25B.	ected Operations  Approvals  Print  Danny	Name Walzel	Hours on Location	
ow SS 2	25 tubing to Signatu ignature E	Relief We o withdraw re Gustorn Boots and	plugging injection III: Drilling ahead Iine. Run Gyro o	Proj n SS 25B.	ected Operations  Approvals  Print  Danny	Name	Hours on Location	Date
ow SS 2	25 tubing to Signatu ignature E mployee Na ichard Hatteb	Relief We withdraw re Gustorn Boots and	plugging injection all: Drilling ahead line. Run Gyro of the Representation Coots Represent Hours on Location 10,25	Proj n SS 258.	ected Operations  Approvals  Print  Danny	Name Walzel mployee Name		Date Travel Hours
ow SS 2	25 tubing to Signature E ignature E imployee Na ichard Hatteb Danny Walze	Relief We	plugging injection  II: Drilling ahead  Iine. Run Gyro o  ner Representati  Coots Represent	Proj n SS 25B.	ected Operations  Approvals  Print  Danny	Name Walzel mployee Name		Date Travel Hours
ow SS 2	25 tubing to Signature E ignature E ignature Hatteb Danny Walzu James Kopeo	Relief We	plugging injection all: Drilling ahead line. Run Gyro of the Representation Coots Represent Hours on Location 10.25 10.25	Proj n SS 258.	ected Operations  Approvals  Print  Danny	Name Walzel mployee Name		Date Travel Hours
ow SS 2	25 tubing to Signature E ignature E imployee Na ichard Hatteb Danny Walze	Relief We	plugging injection all: Drilling ahead line. Run Gyro of the Representation Coots Represent Hours on Location 10.25 10.25	Proj n SS 258. /e	ected Operations  Approvals  Print  Danny	Name Walzel mployee Name		Date Travel Hours



			0.0		VA2 -17 -17	NI	Disease Land	Daniel R
	Contract		9-Dec-2015	Con Comme	Well Name and		Standard Senson 25	Report #   4
6		107.4.	Southern California 12801 Tampa Ave.,			County: State:	Los Ang Califor	
Custom	ner Billing	Address:	Northridge, CA, 91		1	Country:	USA	
		AFE #:	32, 3,1, 31			ocation:	Aliso Canyon St	
		sentative:			W	ell Type:	Gas	
Re			Danny Walzel		J	ob Type:	Well Co	
			Standard Senson 25			Rig No:	N/A	
		of Charge			nments	Units	Unit Charge	Total
		ntrol Specialis			d Hatteberg is Martel	1		
		ntrol Engine		111111	ny Walzel	1	-	
- 0,		pecialist	4		e Patton	1		
	7,00-00	E-2-7-200-4			1.000			
		ally Expens	e		H. / M.P. / T.M.	4		
	Н	otel		R.H. / D.W	V. / T.M. / M.P.	4		
	Faui	pment	1	Plugging Injection	n Manifold / Standby	1		
	Lqui	pinent		ragging injection	T Mariloid / Standby		7	
	Rent	al Car				1		
		tal Car				1		
					timated Daily Total			
					Well Summary			
			hed to surface with			E10 4 0	ar double 0, 400 P	
		υπ. /" cas	ang to 8,585 ft. 5-1/.	slotted liner to 8,	745 ft. 2-7/8" tubing to 8		er depth 8,468 ft.	
Hour	Hour	Transaction of	none have the territory		Activity on S	ite		
5:45	6:00		from hotel to location		personnel and equipmer	nt		
7233			morning safety / ope		personnel and equipmen	14.		
6:30	(()()	Attended						
6:30 7:00	7:00 8:45	F	THE RESIDENCE OF THE PARTY OF T	ACTION AND AND ADDRESS OF THE PARTY.	ane.			
6:30 7:00 8:45		FTP - 1,50	on psi. Moved in and based to 590 psi.	ACTION AND AND ADDRESS OF THE PARTY.	ane.		****	
7:00	8:45	FTP - 1,50 FTP decre Closed hy	01 psi. Moved in and based to 590 psi. draulic choke. Tubir	d rigged up 100T cra	ed at 1,500 psi in 15 min			
7:00 8:45	8:45 9:15	FTP - 1,50 FTP decre Closed hy representa	Of psi. Moved in and eased to 590 psi. draulic choke. Tubir ative to discuss drop	frigged up 100T cra ng pressure stabilize in FTP. Moved in	ed at 1,500 psi in 15 min skid steer and roll off bin	is and loaded		
7:00 8:45 9:15	8:45 9:15 10:30	FTP - 1,50 FTP decre Closed hy representa stove pipe	D1 psi. Moved in and eased to 590 psi. draulic choke. Tubir ative to discuss drop e. Discussed with we	t rigged up 100T cra ng pressure stabilize in FTP. Moved in s elder fabricating gra	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr	is and loaded om crater.	with contaminated dirt.	Off loaded
7:00 8:45	8:45 9:15	FTP - 1,50 FTP decre Closed hy representa stove pipe Lined up t	on psi. Moved in and pased to 590 psi. draulic choke. Tubir ative to discuss drop by Discussed with we to flow tubing through	d rigged up 100T cra ng pressure stabilize in FTP. Moved in s elder fabricating gra n test separator. Be	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu	is and loaded om crater. igh test separ	with contaminated dirt. ator on 33/64 choke. Ini	Off loaded tial gas rate 6.8
7:00 8:45 9:15	8:45 9:15 10:30	FTP - 1,50 FTP decre Closed hy representa stove pipe Lined up t MMscf/da	on psi. Moved in and pased to 590 psi. draulic choke. Tubir ative to discuss drop e. Discussed with we to flow tubing through y. (10:45) FTP decre	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi.	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu and began increasing. (	is and loaded om crater. igh test separ (11:45) FTP -	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8	Off loaded tial gas rate 6.8
7:00 8:45 9:15	8:45 9:15 10:30 16:15	FTP - 1,50 FTP decre Closed hy representa stove pipe Lined up t MMscf/da (13:45) F	on psi. Moved in and pased to 590 psi. draulic choke. Tubir ative to discuss drop e. Discussed with we to flow tubing through y. (10:45) FTP decri	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu and began increasing. ( . Continued flowing wel	is and loaded om crater, igh test separ (11:45) FTP - I through test	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator.	Off loaded tial gas rate 6.8 MMscf/day.
7:00 8:45 9:15	8:45 9:15 10:30	FTP - 1,50 FTP decre Closed hy representa stove pipe Lined up t MMscf/dai (13:45) F Continued	on psi. Moved in and pased to 590 psi. draulic choke. Tubir ative to discuss drop e. Discussed with we to flow tubing through y. (10:45) FTP decri TP - 1,442 psi. Gas I removing dirt from I	rigged up 100T cri ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu and began increasing. (	is and loaded om crater, ligh test separ (11:45) FTP - I through test choke. Lined	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit	Off loaded tial gas rate 6.8 MMscf/day.
7:00 8:45 9:15	8:45 9:15 10:30 16:15	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da (13:45) F Continued Opened to	on psi. Moved in and pased to 590 psi. draulic choke. Tubir ative to discuss drop e. Discussed with we to flow tubing through y. (10:45) FTP decri TP - 1,442 psi. Gas I removing dirt from I	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu and began increasing. ( . Continued flowing well 36 psi. Closed hydraulic	is and loaded om crater, ligh test separ (11:45) FTP - I through test choke. Lined	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit	Off loaded tial gas rate 6.8 MMscf/day.
7:00 8:45 9:15 10:30	8:45 9:15 10:30 16:15	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da (13:45) F Continued Opened to	on psi. Moved in and passed to 590 psi. Indicative to discuss drop psi. Discussed with we to flow tubing through y. (10:45) FTP decript of the tubing through the tubing to withdraw line and of the day meeti	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu and began increasing. ( . Continued flowing well 36 psi. Closed hydraulic	is and loaded om crater, ligh test separ (11:45) FTP - I through test choke. Lined	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit	Off loaded tial gas rate 6.8 MMscf/day.
7:00 8:45 9:15 10:30 16:15	8:45 9:15 10:30 16:15 17:00	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da (13:45) F Continued Opened to Attended t	on psi. Moved in and passed to 590 psi. Indicative to discuss drop psi. Discussed with we to flow tubing through y. (10:45) FTP decript TP - 1,442 psi. Gas I removing dirt from I bubing to withdraw line and of the day meeting to hotel.	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT ng.	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fregan flowing tubing through and began increasing. (Continued flowing well psi. Closed hydraulic P - 722 psi. Picked up versite at 1,500 psi.	is and loaded om crater, igh test separ (11:45) FTP - I through test choke. Lined vent tube and	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit adjusted slings.	Off loaded tial gas rate 6.8 MMscf/day. hdrawline.
7:00 8:45 9:15 10:30 16:15	8:45 9:15 10:30 16:15 17:00	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da (13:45) F Continued Opened to Attended t Traveled t	on psi. Moved in and passed to 590 psi. Indicative to discuss drop psi. Discussed with we to flow tubing through y. (10:45) FTP decript TP - 1,442 psi. Gas I removing dirt from I bubing to withdraw line and of the day meeting to hotel.	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT ng.	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fr egan flowing tubing throu and began increasing. ( . Continued flowing well 36 psi. Closed hydraulic	is and loaded om crater, igh test separ (11:45) FTP - I through test choke. Lined vent tube and	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit adjusted slings.	Off loaded tial gas rate 6.8 MMscf/day. hdrawline.
7:00 8:45 9:15 10:30 16:15	8:45 9:15 10:30 16:15 17:00	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da (13:45) F Continued Opened to Attended t	on psi. Moved in and passed to 590 psi. Indicative to discuss drop psi. Discussed with we to flow tubing through y. (10:45) FTP decript TP - 1,442 psi. Gas I removing dirt from I bubing to withdraw line and of the day meeting to hotel.	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT ng.	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fregan flowing tubing through and began increasing. (Continued flowing well psi. Closed hydraulic P - 722 psi. Picked up versite at 1,500 psi.	is and loaded om crater, igh test separ (11:45) FTP - I through test choke. Lined vent tube and	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit adjusted slings.	Off loaded tial gas rate 6.8 MMscf/day. hdrawline.
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7:00 8:45 9:15 10:30 16:15 17:00 17:15	8:45 9:15 10:30  16:15  17:00  17:15 17:30  Signature Employee Nachard Hattet Danny Walz	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da; (13:45) F Continued Opened ti Attended t Traveled t Relief We ft.  (12:00) P Travis Ma  o withdraw  are Custom  are custom  are getg el	on psi. Moved in and passed to 590 psi. Indicative to discuss drop to Discussed with we to flow tubing through the control of the day from 1 (1) and the control of the day meeting to hotel.  II. Meet with companion of the day meeting to withdraw line and of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.  III. Meet with companion of the day meeting to hotel.	d rigged up 100T cra ng pressure stabilize in FTP. Moved in selder fabricating gra n test separator. Be eased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT ng.  hy man and discuss  ved on location.  Pro e in crater. Run Gy  Ve	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fregan flowing tubing through and began increasing. (Continued flowing well 36 psi. Closed hydraulic P - 722 psi. Picked up well and provided the provided flowing well as a positive of the provided flowing well as a positive provided flowi	is and loaded om crater, ligh test separ (11:45). FTP-I through test choke. Lined yent tube and fold and instal lame.	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit adjusted slings.	Off loaded tial gas rate 6.8 MMscf/day. hdraw line. ing ahead at 847  Date  Date
7:00 8:45 9:15 10:30 16:15 17:00 17:15	8:45 9:15 10:30  16:15  17:00  17:15 17:30  Signature Employee Nachard Hattet	FTP - 1,50 FTP decre Closed hy represents stove pipe Lined up t MMscf/da; (13:45) F Continued Opened ti Attended t Traveled t Relief We ft.  (12:00) P Travis Ma  o withdraw  are Custom  and Boots and to  me  petg el	on psi. Moved in and passed to 590 psi. Indicative to discuss drop to Discussed with we to flow tubing through the control of the day from 1 (1) and the control of the day meet to hotel.  II. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.  III. Meet with companional of the day meet to hotel.	d rigged up 100T cra  ng pressure stabilize in FTP. Moved in selder fabricating graph test separator. Becased to 1,083 psi. rate 2.0 MMscf/day ocation. FTP - 1,43 e on 1/2" choke. FT ng.  Proper in crater. Run Gy  Ve  Travel Hours 0.5	ed at 1,500 psi in 15 min skid steer and roll off bin pple for pulling grating fregan flowing tubing through and began increasing. (Continued flowing well 36 psi. Closed hydraulic P - 722 psi. Picked up well and provided the provided flowing well as a positive of the provided flowing well as a positive provided flowi	is and loaded om crater, ligh test separ (11:45). FTP-I through test choke. Lined yent tube and fold and instal lame.	with contaminated dirt. ator on 33/64 choke. Ini 1,436 psi. Gas rate 2.8 separator. I up to flow directly to wit adjusted slings.	Off loaded tial gas rate 6.8 MMscf/day. hdraw line. ing ahead at 847  Date  Date



					POOTS & COOTS SERVICES			
		Date:	10-Dec-2015		Well Name and	d Number:	Standard Senson 25	Report# 4
	Custon	ner Name:		ornia Gas Company		County:	Los An	
ustom	er Billing	Address:	12801 Tampa			State:	Califo	
			Northridge, CA	91326	122.00	Country:	US	
ruoton	nor Bonro	AFE #: sentative:			1,000	Location: Well Type:	Aliso Canyon S Ga	
			Danny Walzel			Job Type:	Well C	
15.0			Standard Sens	on 25		Rig No:	N/	1 3 3 3 1
De	escription	of Charge	es: Le	vel	Comments	Units	Unit Charge	Total
		ntrol Specia			ichard Hatteberg	1		
		ol Specialis		4	Travis Martel	1		
Sr		ntrol Engine pecialist		4	Darny Waizel Mike Patton	1		
Sr		ntrol Engine			LaGrone / In Transit	1		
		ntrol Engine			Gomez / In Transit	1		
C		aily Expens	e		H. / M.P. / T.M./ J.L / R.G	6		
		otel			/./T.M./M.P./J.L./R.G	6		
		fare			Grone / Rolly Gomez	2		
	Equi	pment		Plugging in	jection Manifold / Standby	1		
	Rent	al Car				1		
	Rent	al Car				1		
	Rent	al Car				1		
					Estimated Daily Total			
					Well Summary			
				with several fissure		0 510 4 Day	or donth 9 400 4	
	Hour	Uπ. /" cas	sing to 8,585 ft.	5-1/2 slotted liner	to 8,745 ft. 2-7/8" tubing to Activity on		ker depth 8,468 ft.	
Hour 5:45	6:00	Traveled	from hotel to loc	ation	Activity on	Site		
6:00	6:30				n for personnel and equipm	ent.		
6:30	7:00		morning / safety		THE PERSON OF THE STORY	31131		
7:00	8:00			in and rigged up 1				
8:00	8:15				ing grating from crater and	installation of	stove pipe.	
8:15 9:30	9:30	Modified o		empted to remove	grating. Unsuccessful.			
10:30	12:00			ing from crater. Un	successful			
12:00	12:30			out 100T crane.	outocoordi.			
12:30	16:30	Continued	removing cont	aminated dirt from I	ocation, 2-4/7" - 1,463 psi.			
16:30	17:00		end of the day r	neeting.	7.46. 30.70			
17:00	17:15	Traveled t	to hotel.					
	1							
		Delleran	De Dallier - L	- + 4 AFC A				
		Relief We	II Drilling ahea	d at 1,159 ft.			-	
			II Drilling ahea					
					Declarated Operation			
MAY 22 3 MAY	5 tuhing	Travis Ma	rtel working nig	hts.	Projected Operations			
ow SS 2	25 tubing to	Travis Ma		hts.	Projected Operations			
w SS 2	25 tubing to	Travis Ma	rtel working nig	hts.				
w SS 2		Travis Ma	rtel working nig	hts. on SS 258.	Approvals	Name		Date
w SS 2		Travis Ma	riel working nig	hts. on SS 258.	Approvals	Name		Date
	Signatu	Travis Ma	riel working nig	on SS 258.	Approvals Print	Name Name		Date Date
	Signatu	Travis Ma	iriel working nig line. Run Gyro ner Representa	on SS 258.	Approvals Print Print	Name		
Si	Signatu ignature E	Travis Ma	line. Run Gyro ner Representa Coots Represe	on SS 258.	Approvals Print Print Danny	Name Walzel	Hours on Location	Date
Si	Signatu ignature E	Travis Ma	line. Run Gyro ner Representa Coots Represe Hours on Loca	on SS 258.	Approvals Print Print Danny	Name Walzel mployee Name	Hours on Location	Date
Si En	Signature Employee Na	Travis Ma	line. Run Gyro ner Representa Coots Represe	on SS 258.  tive intative  tion Travel Ho	Approvals Print Print Danny	Name Walzel	Hours on Location	Date Travel Hours
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Customer Bill Customer Re Report G Lu Descript Sr. Well Well Co Sr. Well HS Sr. Well Sr. Well Genera	illing Address:  AFE #:  depresentative: Generated By: Lease - Well #: ption of Charge Il Control Specialis Il Control Engine SE Specialist Il Control Engine Il Control Engin	Danny Walzel   Standard Senson 25   Standard Senson	SC 9328 326 Common Richard In Travis Danny Mike In Jim La Rolly Common Richard In Travis Danny Mike In Jim La Rolly Common Richard In Travis R.H. / D.W. / T.M. Plugging Injection  Estin Westernal fissures on pa 2" slotted liner to 8.74	Well L W J ments Hatteberg Mantel Walzel Patton aGrone Gomez P. / T.M./ J.L./ R.G Manifold / Standby  mated Daily Total Vell Summary	County: State: Country: Location: Vell Type: Ob Type: Rig No:  Units  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Standard Senson 25  Los Angel Californi USA Aliso Canyon Stori Gas Well Cont N/A Unit Charge	age Facility
Customer Bill  Customer Re Report G  Le Descript Sr. Well Well Ce Sr. Well Sr. Well Genera  E  R  R  R  R  R  R  R  R  R  R  R  R	AFE #:  AFE #:  Generated By: Lease - Well #: ption of Charge II Control Specialist II Control Engine SE Specialist II Control Engine II C	Darny Walzel Standard Senson 25 es: Level alist 4 eer 4 eer 4 eer 4 eer 4 for 1 from hotel to location d site assessment. Comorning / safety mee and rigged up 1000 of comorning desired to 1000 of comorning desired to 1000 of comorning / safety mee and rigged up 1000 of comorning desired to 1000 of comorni	SC 9328 326 Common Richard In Travis Danny Mike In Jim La Rolly Common Richard In Travis Danny Mike In Jim La Rolly Common Richard In Travis R.H. / D.W. / T.M. Plugging Injection  Estin Westernal fissures on pa 2" slotted liner to 8.74	Mell L W J ments Hatteberg Martel Walzel Patton aGrone Gomez P. / T.M./ J.L./ R.G Manifold / Standby  mated Daily Total Vell Summary ad site. 45 ft. 2-7/8" tubing to 8	State: Country: Location: Vell Type: ob Type: Rig No:  Units  1 1 1 1 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1	Californi USA Aliso Canyon Stori Gas Well Cont N/A Unit Charge	age Facility
Customer Re Report G	AFE #: Representative: Generated By: Lease - Well #: ption of Charge II Control Specialist II Control Engine SE Specialist II Control Engine II Control Engi	Darny Walzel   Standard Senson 25   Standard Senson	Common Richard In Travis Danny Mike In Jim La Rolly D.W. / R.H. / M.F. R.H. / D.W. / T.M. Plugging Injection  Estin Weeveral fissures on pa Service of the s	Mell L W J ments Hatteberg Martel Walzel Patton aGrone Gomez P. / T.M./ J.L./ R.G Manifold / Standby  mated Daily Total Vell Summary ad site. 45 ft. 2-7/8" tubing to 8	Gountry: Location: /eII Type: ob Type: Rig No:  Units  1 1 1 1 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1	Aliso Canyon Stori Gas Well Cont N/A Unit Charge	age Facility
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Report G	depresentative: Generated By: Lease - Well #: ption of Charge Il Control Specialis Il Control Engine SE Specialist Il Control Engine Il Cantrol Engine Il Cantrol Engine Il Cantrol Engine Il Cantrol Engine Il Control Engine Il Co	Darny Walzel   Standard Senson 25   Standard Senson	Common Richard Richard Richard Richard Richard Rolly Grant Land Rolly Grant Land Rolly Grant Richard R	ments Hatteberg Mantel Walzel Patton aGrone Gomez P. / T.M./ J.L. / R.G Manifold / Standby  mated Daily Total Vell Summary ad site. 45 ft. 2-7/8" tubing to 8	Vell Type: ob Type: Rig No: Units 1 1 1 1 1 1 1 1 1 8.510 ft. Packet	Gas Well Cont N/A Unit Charge	trol
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o ignicio		- es isepicositati		Danny \			
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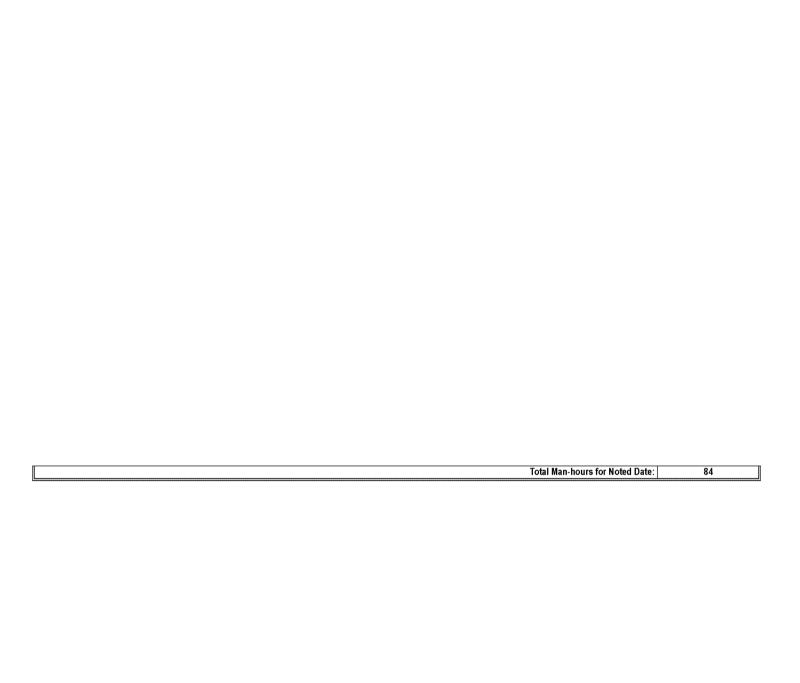
		Date:	12-Dec-2015		Well Name and	Number:	Standard Senso	on 25 R	leport# 4
	Custon		Southern California		- C.	County:	The state of the s	os Angeles	
Custom	er Billing	Address:	12801 Tampa Ave			State:		California	
			Northridge, CA, 9	1326	11170	Country:	USA Aliso Canyon Storage Facility		
Custon	ner Banco	AFE #:				Location:	Aliso Car		e Facility
		sentative:	Danny Walzel			Vell Type: Job Type:	1	Gas Nell Control	
Ne			Standard Senson	25		Rig No:	-	N/A	
De		of Charge			ments	Units	Unit C	harge	Total
		ntrol Specia			Hatteberg	1		,	
		ol Specialis	V	Travis	s Martel	1			
Sr		ntrol Engine			y Walzel	7			
- 3		pecialist	4		Patton	1			
		ntrol Engine			aGrone	1			
		ntrol Engine ally Expens			Gomez P. / T.M./ J.L / R.G.	6			
		otel			1./M.P./J.L./R.G	6			
		-200		( Carolina - 1997)	(C) MID ET STERLET SESSE				
	Equi	pment	1	Plugging Injection	Manifold / Standby	1			
				The state of		1000			
		al Car		4		1			
		al Car				1			
	Rent	al Car		-	instead Public Total	1			
					imated Daily Total				
ond- d	Contact 20	hae bee	had to surfer a wife		Well Summary				
				several fissures on p. /2" slotted liner to 8.7		8.510 # Paci	er denth 9 ASS #		
Hour	Hour	l / cas	mig to 0,000 ft. 0-1	/2 SIDILEG IIIIEI IU 0,7	Activity on		or neprir 0,400 II		
5:45	6:00	Traveled t	from hotel to locatio	n	Activity on	VIIC			
6:00	6:30			Winds predominately	out of the North, LEL	's too high to r	un equipment.		
6:30	7:00		morning operations		ENC 21 100 1/E110 100	2 112 1130111	and a design tree of		
0.00	7.00	Attended							
7:00	10:30	Tubing pro	essure- 1,521 psi (S	Shut in). Attended me					
7;00 10:30	10:30 11:00	Tubing pro 2-7/8" - 1,	essure- 1,521 psi (\$ 503 psi. Began flo	Shut in). Attended me wing tubing on 5/8" ch	oke, FTP decreased	to 717 psi and			
7:00	10:30	Tubing pro 2-7/8" - 1, Continued	essure- 1,521 psi (\$ 503 psi. Began flov I monitoring LEL's,	Shut in). Attended me wing tubing on 5/8" ch too high to run equipn	oke, FTP decreased nent. Continued flowing	to 717 psi and ng tubing to wit	hdraw line. Met w	ith welder a	
7:00 10:30	10:30 11:00	Tubing pro 2-7/8" - 1, Continued design of	essure- 1,521 psi (\$ 503 psi. Began flov I monitoring LEL's, bridge to span crate	Shut in). Attended me wing tubing on 5/8" ch too high to run equipn er. Sourced materials	oke, FTP decreased nent. Continued flowing and welders. Meet w	to 717 psi and ng tubing to wit vith company n	hdraw line. Met w ian at relief well a	ith welder and nd inspected	d pipe to be
7;00 10:30	10:30 11:00	Tubing pro 2-7/8" - 1, Continued design of used for p	essure- 1,521 psi (\$ 503 psi. Began flov I monitoring LEL's, bridge to span crate vanic line and pipe t	Shut in). Attended me wing tubing on 5/8" ch too high to run equipn er. Sourced materials o be used down streal	oke, FTP decreased nent. Continued flowing and welders. Meet w m of the choke. Repo	to 717 psi and ng tubing to wit vith company n	hdraw line. Met w ian at relief well a	ith welder and nd inspected	d pipe to be
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7:00 10:30 11:00	10:30 11:00	Tubing pro 2-7/8" - 1, Continued design of used for p prepared	essure- 1,521 psi (S 503 psi. Began flow I monitoring LEL's, bridge to span crate vanic line and pipe to plan for next pump end of the day mee	Shut in). Attended me wing tubing on 5/8" ch too high to run equipn er. Sourced materials o be used down streat job. 2-7/8" - 1,403 ps	oke, FTP decreased nent. Continued flowing and welders. Meet w m of the choke. Repo	to 717 psi and ng tubing to wit vith company n	hdraw line. Met w ian at relief well a	ith welder and nd inspected	d pipe to be
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7:00 10:30 11:00 17:00 17:15	10:30 11:00 17:00 17:00 17:15 17:30 Signature Employee Nachard Hatteb	Tubing pro 2-7/8" - 1, Continued design of used for p prepared Attended t Traveled t  Travis Ma  Relief We  o withdraw  are Gustorn  Boots and to  ma  erg al	essure- 1,521 psi (S 503 psi. Began flov monitoring LEL's, bridge to span crate vanic line and pipe to plan for next pump end of the day mee to hotel.  It Drilled surface h  It Drilled surface h  The Representative  Coots Representative  Hours on Location 11 11	Shut in). Attended me wing tubing on 5/8" ch too high to run equipmer. Sourced materials o be used down streation. 2-7/8" - 1,403 ps ting.  cation for the night.  cation for the night.  cle to 1,229 ft. Ceme  Proj SS 258.	oke, FTP decreased nent. Continued flowing and welders. Meet with most the choke. Report.  Index surface casing.  Approvals  Print  Danny	to 717 psi and ng tubing to with company mositioned air consistenced air c	hdraw line. Met wan at relief well a mpressor. Jim La mpressor. Jim La pp job.	ith welder at nd inspected a Grone and I	Date Travel Hours
7:00 10:30 11:00 17:00 17:15	10:30 11:00 17:00 17:00 17:15 17:30 Signature Employee Nathard Hatteb Danny Watze Mike Pattor	Tubing pro 2-7/8" - 1, Continued design of used for p prepared Attended t Traveled t  Travis Ma Relief We  withdraw  o withdraw  are Gustorn  Boots and to me perg	essure- 1,521 psi (S 503 psi. Began flov monitoring LEL's, bridge to span crate vanic line and pipe to plan for next pump end of the day mee to hotel.  It Drilled surface h  It Drilled surface h  The Representative  Coots Representative  Hours on Location 11 11 11	Shut in). Attended me wing tubing on 5/8" ch too high to run equipmer. Sourced materials o be used down streation. 2-7/8" - 1,403 ps ting.  cation for the night.  cation for the night.  cation for the Night.  Proj SS 258.  Travel Hours  0.5  0.5  0.5	oke, FTP decreased nent. Continued flowing and welders. Meet with most the choke. Report.  Index surface casing.  Approvals  Print  Danny	to 717 psi and ng tubing to with company mositioned air consistenced air c	hdraw line. Met wan at relief well a mpressor. Jim La mpressor. Jim La pp job.	ith welder at nd inspected a Grone and I	Date Travel Hours
7:00 10:30 11:00 17:00 17:15	10:30 11:00 17:00 17:00 17:15 17:30 Signature Employee Nachard Hatteb	Tubing pro 2-7/8" - 1, Continued design of used for p prepared Attended t Traveled t  Travis Ma Relief We  withdraw  o withdraw  are Custom  are custo	essure- 1,521 psi (S 503 psi. Began flov monitoring LEL's, bridge to span crate vanic line and pipe to plan for next pump end of the day mee to hotel.  It Drilled surface h  It Drilled surface h  The Representative  Coots Representative  Hours on Location 11 11	Shut in). Attended me wing tubing on 5/8" ch too high to run equipmer. Sourced materials o be used down streation. 2-7/8" - 1,403 ps ting.  cation for the night.  cation for the night.  cle to 1,229 ft. Ceme  Proj SS 258.	oke, FTP decreased nent. Continued flowing and welders. Meet with most the choke. Report.  Index surface casing.  Approvals  Print  Danny	to 717 psi and ng tubing to with company mositioned air consistenced air c	hdraw line. Met wan at relief well a mpressor. Jim La mpressor. Jim La pp job.	ith welder at nd inspected a Grone and I	Date Travel Hours



				800	75 & COUTS BETVICES			
			13-Dec-2015		Well Name and I			Report # 5
	Custor	ner Name;	Southern California			County:	Los Angeles	5
ustom	er Billing	Address:	12801 Tampa Ave., Northridge, CA, 913			State: Country:	California USA	
		AFE #:	Norminage, CA, 91.	020		ocation:	Aliso Canyon Storag	e Facility
Custon	ner Repre	sentative:				ell Type:	Gas	,
Re	port Gen	erated By:	Danny Walzel		Jo	ob Type:	Well Contro	
			Standard Senson 25			Rig No:	N/A	
		of Charge			ments	Units	Unit Charge	Total
		ntrol Specialis		10,000,000	Hatteberg Martel	1		
		of Specialis		1.0.0.0	/ Walzel	1		
51		pecialist	4		Patton	1		
Sr		ntrol Engine	eer 4		aGrone	1		
		ntrol Engine			Gomez	1		
		trol Specia			ton / In Transit	1		
	202 2 002 1 20	trol Specia		The state of the s	s / In Transit	8		
		aily Expens			M./J.L/R.G./D.C./B.C. P./J.L./R.G./B.C./D.C.	8		
		fare			JB.C.	2		
		pment	1		Manifold / Standby	1		
	Rent	al Car				1		
	14,45	al Car				1		
		al Car				1		
	Reni	al Car		en.	imated Daily Total	- 1		
_					Well Summary			
andard:	Sanson 2	hae hroad	hed to surface with s					
					45 ft. 2-7/8" tubing to 8	5.510 ft. Packer	depth 8,468 ft.	
Hour	Hour				Activity on Si			
5:45	6:00	Traveled f	from hotel to location.					
6:00	6:30	Performed	d site assessment, C	leared location for p	personnel and equipmen	nt.		
6:30	7:00		morning safety / oper					
7:00	8:45				run gyro on SS 25B. 2-1			
8:45 13:30	13:30				led into lubricator. SS 2 down and moved out 10		SI.	
14:30	16:00						wn stream of the chokes.	
16:00	16:30		track hoe and skid s			III, III III III III III III III III II	311) - 11 - 11 - 11 - 11 - 11 - 11 - 11	
16;30	17:00				losed gate valve upstrea	am of the choke	2-7/8" - 1,450 psi.	
17:00	17:15		end of the day meetir	ng.				
17:15	17:30	Traveled t	to hotel.					
	1							
		Relief We	II. Nippling up BOP's	V				
-	-							
		2.						
-								
	2011		11.7	Proj	ected Operations			
ow SS 2	5 tubing t	o withdraw	line.					
					Approvals			
	Signatu	re Custom	er Representative		Print Na	ame		Date
	g//w/w		-1		3.791890			
ei.	mature P	note and C	Coots Representativ	0	Print Na	ame		Date
310	griature D	oots and C	Jours Representativ		7,121130,72			Date
		4.1	- Marie - A - T		Danny W		1 10 10 10 10 10	
	nployee Na		Hours on Location	Travel Hours		oloyee Name	Hours on Location	Travel Hours
	4	erg	11.25	0.5		olly Gomez	11.25	0.5
Ric	chard Hattel			17 E	Dai	In this E The Citiests	11.25 0.5 7	
Ric	Danny Walz		11.25	0.5		nny Clayton		
Ric	Danny Walz Mike Pattor	1	11.25	0.5		Bud Curtis		
Rio	Danny Walz	r el						



				\$000	S COUTS SERVICE			
	Combo		14-Dec-2015 Southern California Ga	as Come -	Well Name and Numbe		The second secon	
20.46			12801 Tampa Ave., SC		County			
uston	ner Billing A	ouress:	Northridge, CA, 9132	26	Country	<i>i</i> :	USA	-2-12
Cueta	mer Represe	AFE #:			Well Location Well Type			Facility
			Jim LaGrone		Job Type			
100			Standard Senson 25		Rig No		Aliso Canyon Storage Facility Gas Well Control N/A Unit Charge Total	
	escription of			Comn			Unit Charge	Total
	Well Control Well Control S			Richard F Travis		1		
	r, Well Contro		and the same of th	Danny Walz	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1		
	HSE Spec		4	Mike F	13311112	1		
	r. Well Conro			Jim La		1		
	. Well Contro			Danny C		*		
Sr	. Well Contro	Speciali	ist 4	Bud C		1		
(	General Daily Hote		1			7		
	Airfai			Wal	zel	1		
	Equipm	ent		Junk Shot M	The restriction of the second	1		
	Rental C	Cars	- 17		1.15 4.5	3		
					nated Daily Total			
indard 9	Senson 25 ha	s broach	ed to surface with seve		/ell Summary			
					. 2-7/8" tubing to 8,510 ft. Pag	cker depth 8,468	ft.	-
Hour	Hour				Activity on Site			
5:30		epart Hot						
6:30	A	ttend Ope	erations meeting with D wind from the north, no	Dept Of O&G Regulat	101			
		rou mpn	wind from the north, no	3 Wireline operations				
7:30			tion for installation of b					
47:00		ALC: CONTRACTOR	ancher line from north	side to east side.				
17:00	U	epart Loc	allon					
			ab'g bridge - 90% com		morning			
			lying 2nd 2-7/8" pump		ma.			
	IVI	ove in mi	ud plant, began offload	ing pre-mixed 15# vv	/bivi			
	100	felmal in a	and to Hamilton					
	V	aizei in r	oute to Houston					
				Proje	cted Operations			
it 2-7/8"	tubing							
					Approvals			
	Signature	Custom	er Representative		Print Name			Date
S	ignature Boo	ots and C	Coots Representative		Print Name			Date
					Jim LaGrone			
	mployee Name		Hours on Location	Travel Hours	Employee N	ame H	lours on Location	Travel Hours
En			11.5	0,5	Jim La Gro	ne	11.5	0.5
Ric	chard Hatteberg		11.5	0.5	Rolly Gom	ez	11.5	D.F.
Ric	Travis Martel				Trend serie	200	11.5 0.5	
Ric			11,5	0.5	750, 450		1	0,5





			15-Dec-2015		The state of the s		eport #	
-	Custo		Southern California Ga		County:	Los Angeles		
Custo	ner Billin		12801 Tampa Ave., SC		State:	California		
7.0.0		AFE #:	Northridge, CA, 9132	3	Country: Well Location:	USA Aliso Canyon Storage Facility		
Custo	mer Renr	esentative:			Well Type:	Gas Ganyon Storage	racilly	
			Jim LaGrone		Job Type:	Well Control		
1.0			Standard Senson 25		Rig No:	N/A		
D		of Charge:		Commer		Unit Charge	Total	
		ntrol Special		Richard Hatt				
	Well Cont	ol Specialist	4	Travis Ma	rtel 1			
		pecialist	1	Mike Bagg	gett 1			
		pecialist	4	Mike Patt				
		nrol Enginee		Jim LaGn				
		nrol Enginee		Rolly Gon				
		ntrol Speciali ntrol Speciali		Danny Cla Bud Cur				
		aily Expense		Dua Cui	8	_		
		otel			8			
		rfair		Bagget				
		pment		Junk Shot Mani	ifold Stby 1			
	Rent	al Cars			3			
				Estimate	ed Daily Total			
					Summary			
			ed to surface with seve					
-3/4" ca	sing to 99	0 ft. 7" casir	ig to 8,585 ft. 5-1/2" sk	otted liner to 8,745 ft. 2	-7/8" tubing to 8,510 ft. Packer depth	8,468 ft.		
Hour	Hour				Activity on Site			
5:30		Depart Hot	rel					
6:15	1	Operations	meeting					
7:00					nd pump line down to pad.			
			eader lines and racks to					
			ne from test unit to 11" 1					
11,20			ne and remove sections	to install bridge, north s	side of location clean			
11:30		Lunch Make up v	alve to new pump line a	and line to hadro tool				
14:30			line 315 psi for 5 min lo		min high test			
,,,,,,			ing to the south, unable					
17:30		Depart Loc			an angel TAM			
	J							
		Attend Dril	l Well on Paper meeting	& discuss ranging pro	gram			
	_							
		-						
		1						
			n departed location, Mi					
		John Hatte	berg and Wayne Coun	ille arrive location, will I	be carried on separate DOR			
	/			- AC - 3 - 8				
				Projecte	ed Operations			
ut 2-7/8"	tubing if v	vind allows						
			32000	Ar	pprovals	17		
	Signat	ure Custom	er Representative		Print Name		Date	
S	ignature	Boots and C	Coots Representative	9-25	Print Name		Date	
					Jim LaGrone			
E	mployee Na	me	Hours on Location	Travel Hours	Employee Name	Hours on Location	Travel Hours	
	chard Hattel		11.5	0.5	Jim LaGrone	11.5	0.5	
	Travis Marti		11.5	0.5	Rolly Gomez	11.5	0.5	
		7.5	11.5	0.5	Holly Gullez	11.0	U.U	
Ri	and the second second	on a			· ·	and the second s		
Ri	Danny Clayt		2577	0.5				
Ri	and the second second		11.5					



				A 9	ALLIBUATON SERVICE					
	10000	Date: 15-De	c-2015		Well Name and	Number:	Porter #39A	Repor	t#	1
	Custon	ner Name: South	ern California G	as Company		County:	Los A	ingeles		
Custom	er Billing		Tampa Ave., S			Region:	California			
Justoni	20 20 20	North	idge, CA 91326			Country:	USA			
	10 20 20 10 1	se Order#			E 17 (200 - 71)	Location:	Alsio Canyon		cility	
		sentative: Todd		ke Dozier		Vell Type:		ef Well		
Re		erated By: Jon H				Job Type:	200000	ef Well		
_		e - Well #: Porter				Rig No:		n 587	+	
		of Charges:	Level		ments	Units	Unit Charge		Total	
		rol Engineer	2		atteberg					
		rol Engineer ally Expenses	2		Courville WC	2				
		otel			WC	2				
		rfair		1.60100	WC	2				
		al Car			WC	1				
	11011			0.11	,,,					
				Esti	mated Daily Total					
					Well Summary					
					Troil Cultillary					_
Hour	Hour				Activity o	n Site				
Hour	Hour	John and Wayne	daparted Haus	ton to travel I AV	Activity o	n Site				
5:30	9:30			ton to travel LAX						
					Activity o					
5:30	9:30	John and Wayne	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	coi
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operatio	ons, logistics	s and well	cor
5:30 9:30	9:30 13:30	John and Wayne	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operatio	ons, logistics	s and well	cor
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	cor
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operatio	ons, logistics	s and well	coı
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	coı
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	COI
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	coi
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	COI
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	coi
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet	with B&C personnel c	on S25	cuss ranging operation	ons, logistics	s and well	col
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	travel to location	on from LAX, meet v	with B&C personnel o	on S25	cuss ranging operation	ons, logistics	s and well	COI
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	e travel to location	on from LAX, meet v	with B&C personnel or reline, Rig and Sperr	on S25 y personnel to dis	cuss ranging operation	ons, logistics	s and well	coi
5:30 9:30 14:00	9:30 13:30 15:30	John and Wayne Attend DWOP th	e travel to location	on from LAX, meet v	with B&C personnel o	on S25 y personnel to dis	cuss ranging operation	ons, logistics	s and well	coi
5:30 9:30 14:00	9:30 13:30 15:30 18:30	John and Wayne Attend DWOP th Travel to hotel	e travel to location at included B&C	on from LAX, meet v	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals	on S25 y personnel to dis	cuss ranging operation			col
5:30 9:30 14:00	9:30 13:30 15:30 18:30	John and Wayne Attend DWOP th	e travel to location at included B&C	on from LAX, meet v	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals	on S25 y personnel to dis	cuss ranging operation	ons, logistics		col
5:30 9:30 14:00	9:30 13:30 15:30 18:30	John and Wayne Attend DWOP th Travel to hotel	e travel to location at included B&C	on from LAX, meet v	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals	on S25 y personnel to dis	cuss ranging operation			col
5:30 9:30 14:00 18:00	9:30 13:30 15:30 18:30	John and Wayne Attend DWOP th Travel to hotel	e travel to location at included B&C	Pro avel from Houston	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals  Print	on S25 y personnel to dis	cuss ranging operation		te	co
5:30 9:30 14:00 18:00	9:30 13:30 15:30 18:30	John and Wayne Attend DWOP th Travel to hotel  re Customer Re	e travel to location at included B&C	Pro avel from Houston	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals  Print	on S25 y personnel to dis	cuss ranging operation	Da	te	col
5:30 9:30 14:00 18:00	9:30 13:30 15:30 18:30 Signature	John and Wayne Attend DWOP th Travel to hotel  re Customer Re Boots and Coots	e travel to location at included B&C	Pro avel from Houston	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals Print John Ha	on S25  y personnel to discon, attend DWOP  Name  Name  atteberg		Da Da 15-De	te te	
5:30 9:30 14:00 18:00 Sig	9:30 13:30 15:30 18:30 Signature Employee Na	John and Wayne Attend DWOP th Travel to hotel  are Customer Re Boots and Coots  me Hour	e travel to location at included B&C	Pro avel from Houston	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals Print John Ha	on S25 y personnel to dis	cuss ranging operation	Da Da 15-De	te	
5:30 9:30 14:00 18:00 Sig	9:30 13:30 15:30 18:30 Signature	John and Wayne Attend DWOP th Travel to hotel  re Customer Re Boots and Coots  me Hour x	e travel to location at included B&C	Pro avel from Houston	with B&C personnel of reline, Rig and Sperrojected Operations to Relief Well Location Approvals Print John Ha	on S25  y personnel to discon, attend DWOP  Name  Name  atteberg		Da Da 15-De	te te	



			16-Dec-2015		Well Name and Num			Report #	
	Custo	Committee of the Commit	Southern California Ga	Company of the Compan	Cou		Los Angeles		
Custo	mer Billin		12801 Tampa Ave., SC			ate:	California		
5.76.7			Northridge, CA, 9132	0		Country: Alice Capus		USA	
Cuete	mar Panr	AFE #: esentative:			Well Locat Well Ty		Aliso Canyon Storage Facility Gas		
	the second secon		Jim LaGrone		Job Ty		Well Control	_	
			Standard Senson 25		Rig		N/A		
- 1		n of Charge:		Comn		Units	Unit Charge	Total	
		ntrol Special		Richard H		1	onit onlinge	iotai	
		rol Specialist		Travis		- 1			
		pecialist	4	Mike B	aggett	1			
		Specialist		Mike F	Patton	1			
		nrol Enginee		Jim La		1			
		nrol Enginee		Rolly G	3 T 253.17	1			
		ntrol Speciali		Danny (		_1	242		
		ntrol Speciali		Bud C	Curtis	7			
		aily Expense lotel	4			7	-		
_		er Modeling	1 1	Arash Hag	nhshanas	1			
		pment		Junk Shot M		1			
		al Cars		Sein Silst (1)		3			
			1	Estim	nated Daily Total		-		
					lell Summary				
andard	Senson 25	5 has broach	ed to surface with seve						
					2-7/8" tubing to 8,510 ft. F	acker depth	8,468 ft.		
Hour	Hour				Activity on Site	200 200 200	44444		
5:30	1	Depart Hot	el		rishivity on one				
6:35			Mtg w/all service com	panies and Dept of C	Oil & Gas				
DALLES !			cation. Clean eqpt and						
					oris from west side of locatio	n. Can't get	to southside due to north v	wind	
11:30	1	Lunch							
12:00					m Wireline inspects its E-Li				
					Gas). Operations shut dow		n		
13:30					side of tree. Clean Swaco g	auges			
			Rider to de-contaminat	ion site for cleaning.					
17.00			heck air compressor						
17:00	4	Depart for	notei						
		I aGrone &	Gomez attend meetin	for Regulators (Der	ot of Oil & Gas, US EPA, Ca	OSHA: Sar	ndia Berkley & Lawrence	Linearen I eta	
		Lacione				, COITA, Gai	idia, Derkiey, & Lawrence-		
			numning plan on targe	well and ranging co	ncents of relief well			Livernote Labs	
		to discuss	pumping plan on targer revamped for larger s			1 should rec	eive all by Thursday	Livernole Labs	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S		ncepts of relief well nt complete. Receiving mu	d, should rec	eive all by Thursday.	Liverniore Labs	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Livernote Labs	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	LIVERTIDIE LABS	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Livernoie Labs	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	LIVERTIDIE LABS	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Evernore caus	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Evernore caus	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Elvermore caus	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Evernore caus	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S			d, should rec	eive all by Thursday.	Elvermore caus	
		to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S	pan. Mud mixing pla	nt complete. Receiving mu	d, should rec	eive all by Thursday.	Elvermore caus	
+270		to discuss Bridge was	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S	pan. Mud mixing pla		d, should rec	eive all by Thursday.	Elvermore caus	
ut 2-7/8	" tubing if v	to discuss	A P. A. A. S. L. A. S. L. A. S. L. C. S. L. C. S. C. S	pan. Mud mixing pla	nt complete. Receiving mu	d, should rec	eive all by Thursday.	Elvermore caus	
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Coats HALLIBURYON SERVICE Date: 16-Dec-2015 Well Name and Number: Porter #39A Report # 2 Customer Name: Southern California Gas Company Los Angeles County: 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Relief Well Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Report Generated By: Jon Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Esign 587 Description of Charges: Level Comments Units **Unit Charge** Total Well Control Engineer John Hatteberg 2 1 Well Control Engineer 2 Wayne Courville 1 JH/WC General Daily Expenses 2 JH/WC Hotel 2 Rental Car JH/WC 1 **Estimated Daily Total Well Summary** Activity on Site Hour Hour 5:10 5:30 Departed hotel for P39A location 6:30 7:30 Attended SS25 morning pre job meeting Prepared email relating to running the 9-5/8" deeper due to lower expected LOT results 8:30 9:30 Rig walkthrough, pit volume available 1350 bbl, 42 bbl trip tank, 42 bbls pill tank, can make mud up to 100 bbl/hr, 400 bbls of mud available offsite, no flare on top of separator. Discussed with SoCalGasCo, will rig up 8" flare while runing 9-5/8" casing. 16:30 13:30 Relief well at 1907.0' MD/1811.0' TVD, 37° inc., 309° azi. as of 15:45 Continued working on relief well supplemental plan 16:30 16:50 Departed location for hotel 20:00 20:00 Relief well at 2002.0' MD/1886.8'TVD, 38° inc., 309° azi. **Projected Operations** Attended morning pre job meeting, examined 9-5/8" casing setting depth, suggested flar line rig up on separator Approvals **Print Name** Signature Boots and Coots Representative Date John Hatteberg 16-Dec-15 **Employee Name** Travel Hours Travel Hours **Employee Name** Hours on Location Hours on Location John Hatteberg 11 Wayne Courville 11

22

Total Man-hours for Noted Date:



				-	TO & COURS SERVICES			
		Date:	17-Dec-2015		Well Name and N	umber:	Standard Senson 25	Report #
	Custome	r Name:	Southern Californi	a Gas Company		ounty:	Los Ang	eles
custor	mer Billing A	TUULLUCGIL	12801 Tampa Ave			State:	Califor	nia
ustot	ther billing a		Northridge, CA, 9	1326		ountry:	USA	
		AFE #:			Well Lo	The state of the s	Aliso Canyon Sto	
	mer Represe					l Type:	Gas	
Re	eport Gener				Job Type:		Well Co	
		200	Standard Senson		Rig No:		N/A	
	escription o				ments	Units	Unit Charge	Total
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	Well Control		4		Martel	1		
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	r. Well Conro	-			aGrone Gomez	1		
	r. Well Contro				Clayton	1		
	r. Well Contro				Curtis	1	_	
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1:30				is loaded out for DECON		same to det	contamination site. Cond	Wile in the edby to DE
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3:00			SHA, NO SHOW		THE EMPLOY HIS DE	THE THE		
3:30	1			aning south side of well	bore			
4:35					T (Cesna 172) DOING F	LY-BYS VER	Y CLOSE TO LOCATION	
4:50				entatives arrive and star				
4:55					king at ideas to capture t	he gas comin	ig out of the crater (Open	ations stopped)
5:00	1	Clean on e	ast and south side	of location, preparation	for bridge			
6:30	5	Secure site	for evening					
7:30	1	ravel to He	otel					
- 3	L	aGrone, G	iomez, Richard m	eet w/ Flour Eng on build	ding a Sombrero & installi	ng mist extra	ctors	
					and discuss safety issues			
	L	aGrone, R	lichard, Clayton m	eet w/ Jim Fox, Shackel	ford and SOCAL staff on	alternatives a	and Contingencies	
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				Proj	ected Operations			
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Coots Date: 17-Dec-2015 Porter #39A Well Name and Number: Report # 3 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 USA Country: Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: Jon Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Esign 587 Description of Charges: Comments Units **Unit Charge** Level Total Well Control Engineer John Hatteberg 2 Well Control Engineer 2 Wayne Courville 1 JH/WC General Daily Expenses 2 JH/WC Hotel 2 JH/WC Rental Car 1 **Estimated Daily Total** Well Summary Activity on Site Hour Hour Departed hotel for P39A location 5:20 5:40 7:30 6:30 Attended SS25 morning pre job meeting Performed a drilling rig well control walkthrough 9:30 7:30 10:00 10:30 Discussed extreme losses procedure with Geo Drilling Fluids representative. 13:30 15:30 Worked on RW Special Operations Report 15:30 16:30 Discussed extreme losses procedure with Geo Drilling Fluids representative. 16:30 17:00 Departed P39A location for hotel 0:00 Relief well drilling at 2,603' MD, 40.03° inc, 307.87° azi, 2349.08' TVD **Projected Operations** Attended morning pre job meeting, worked on lost circulation document and special operations report Approvals Signature Customer Representative **Print Name** Date Signature Boots and Coots Representative John Hatteberg 16-Dec-15

**Employee Name** 

Hours on Location

Total Man-hours for Noted Date:

**Employee Name** 

John Hatteberg

Wayne Courville

Hours on Location

11

11

**Travel Hours** 

Travel Hours

22



			18-Dec-2015			Well Name and Nu		Standard Sensor		Report#	55
	Customer	r Name:		ornía Gas Comp	any	С	ounty:		os Angeles		
ustor	mer Billing A	ddress;	12801 Tampa A Northridge, CA	91328		· ·	State:		California		
		AFE #	Northinage, CA	, 91326	1	Well Loc		Aliso Canyon Storage Facility			-
Custo	mer Represe						Type:	Juise Carr	Gas	- Lucinty	
			Jim LaGrone			Job Type:		٧	Vell Control		
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13:15						t to fill low places on ea	ast side. Clea	on remaining debr	ris from eas	tside	
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	ar		. Retighten cha				ast side. Clea	an remaining debr	ris from eas	tside	
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This is an estimate only for the date listed on this sheet. This is not an invoice.

		Date: 18-Dec-2015			Well Name an	d Number	Porter #39A	Report#	4
	Custon	ner Name: Southern Cal		Company	vveii ivaine an	County:	Los Ange		4
Edine!	- 12 - 1 - 1	12801 Tamp				Region:	Californ		
Custon	er Billing	Address: Northridge, C				Country:	USA		
	Purcha	se Order#			Well	Location:	Alsio Canyon Stor	age Facility	
		sentative: Todd Van de		e Dozier		Well Type:	Relief W		
Re		erated By: Jon Hatteber	g			Job Type:	Relief W		
		e - Well #: Porter 39A	Control I	0		Rig No:	Ensign 5		ent.
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	Rent	al Car		JHA	NC	1			
					mated Daily Total		S.,		
					Well Summary				
Hour	Hour				Activity	on Site			
5:20	5:35	Departed hotel for P39A	A location		Activity	on one			
	7:30			anting					
6:30	7:30	Attended SS25 morning	5.0				NAME OF TAXABLE PARTY.		
		IMARKAN OR CURRIAMORT							
7:30	11:15	alignment, 10' guns, ult					Western Wireline repres	entative: -5°, (	)°, +5°
7:30 12:15	11:15		ra deep per	netration. Two gu	ns will be built after		Western Wireline repres	entative: -5°, (	)°, +5°
7.00	17.6	alignment, 10' guns, ult	ra deep per audit of Ens	netration. Two gui lign #587 drilling r	ns will be built after ig.		Western Wireline repres	entative: -5°, (	)°, +5°
12:15	14:00	alignment, 10' guns, ult Performed detailed rig a Received severe losses	ra deep per audit of Ens s procedure	netration. Two gui sign #587 drilling r from mud compa	ns will be built after ig. any representative	Christmas break.	to use Scientific Gyro to		
12:15 14:00 16:00	14:00 16:00	alignment, 10' guns, ult Performed detailed rig a Received severe losses	ra deep per audit of Ens s procedure tions with S	netration. Two gui sign #587 drilling r from mud compa	ns will be built after ig. any representative	Christmas break.			
12:15 14:00	14:00 16:00 17:00	alignment, 10' guns, ult Performed detailed rig a Received severe losses Discussed TCP gun op	ra deep per audit of Ens s procedure tions with S	netration. Two gui sign #587 drilling r from mud compa perry and Wester	ns will be built after ig. any representative in Wireline represer	Christmas break.			
12:15 14:00 16:00	14:00 16:00 17:00	alignment, 10' guns, ult Performed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ns will be built after ig. any representative n Wireline represer	Christmas break.	to use Scientific Gyro to		
12:15 14:00 16:00	14:00 16:00 17:00	alignment, 10' guns, ult Performed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ns will be built after ig.  any representative in Wireline represer jected Operations on lost circulation of	Christmas break.			
12:15 14:00 16:00	14:00 16:00 17:00 17:45	alignment, 10' guns, ultiperformed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location Attended more	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ns will be built after ig. any representative n Wireline represer jected Operations on lost circulation of	Christmas break.  ntatives. Will need	to use Scientific Gyro to	orient TCP gui	
12:15 14:00 16:00	14:00 16:00 17:00 17:45	alignment, 10' guns, ult Performed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ns will be built after ig. any representative n Wireline represer jected Operations on lost circulation of	Christmas break.	to use Scientific Gyro to		
12:15 14:00 16:00 17:30	14:00 16:00 17:00 17:45	alignment, 10' guns, ultiperformed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location Attended more re Customer Representations.	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ig. any representative n Wireline representation on lost circulation of Approvals Print	Christmas break.  ntatives. Will need  document and spec	to use Scientific Gyro to	orient TCP gui	
12:15 14:00 16:00 17:30	14:00 16:00 17:00 17:45	alignment, 10' guns, ultiperformed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location Attended more	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ig.  any representative in Wireline representation on lost circulation of Approvals  Print	Christmas break.  Intatives. Will need document and spect Name	to use Scientific Gyro to	orient TCP gui	
12:15 14:00 16:00 17:30	14:00 16:00 17:00 17:45	alignment, 10' guns, ultiperformed detailed rig a Received severe losses Discussed TCP gun op Departed P39A location Attended more re Customer Representations.	ra deep per audit of Ens s procedure tions with S n for hotel	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ig.  any representative in Wireline representation on lost circulation of Approvals  Print	Christmas break.  ntatives. Will need  document and spec	to use Scientific Gyro to	orient TCP gui	
12:15 14:00 16:00 17:30	14:00 16:00 17:00 17:45 Signature Employee Na	Attended more  Recustomer Representations  Attended more  Boots and Coots Representations  Hours on Lo	ra deep per audit of Ens s procedure tions with S n for hotel ning pre job	netration. Two gui lign #587 drilling r from mud compa perry and Wester	ig.  any representative in Wireline represer  jected Operations on lost circulation of Approvals  Print John F	Christmas break.  Intatives. Will need document and spect Name	to use Scientific Gyro to	Date  Date	ns,
12:15 14:00 16:00 17:30	14:00 16:00 17:00 17:45 Signatu	Attended more  Recustomer Representations  Attended more  Attended more	ra deep per audit of Ens s procedure tions with S n for hotel ning pre job	Promeeting, worked	ig.  any representative in Wireline represer  jected Operations on lost circulation of Approvals  Print John F	christmas break.  Intatives. Will need  document and spece t Name t Name	to use Scientific Gyro to desiral operations report	Date Date 17-Dec-15	ns,

Total Man-hours for Noted Date:



	tomer Name: ling Address:			Well Name and	Number:   St.	andard Senson 25   F	teport# 5			
Customer Bil	ling Address:	s: Southern California Gas Company 12801 Tampa Ave., SC 9328 Northridge, CA, 91326			County:	Los Angele				
Customer Re	ling Address;							California		
	AFE #:			0	Country:	USA				
					ocation:	Aliso Canyon Storag	ge Facility			
Report		dies I - O			ell Type:	Gas				
1		Standard Senson 25		3	ob Type: Rig No:	Well Contro	DI .			
	tion of Charge		Com	ments	Units	Unit Charge	Total			
	Control Special			Hatteberg	1	Offit Offerge	Iota			
	ontrol Specialist			s Martel	1					
	E Specialist	4		Baggett	1					
	Conrol Enginee			aGrone	1-					
	Control Enginee Control Speciali			Gomez / Clayton	1					
	Control Speciali			Curtis	1					
	ngineering Sup			aghshenas	1					
	I Daily Expense		200 396 10, 96		7					
	Hotel		Washington .		7					
	quipment		Junk Shot	Manifold Stby	1					
R	ental Cars		<b>20</b> , 134	4.1833.5.1	3					
				nated Daily Total						
andard Com	OF her heart	ad to purfore with a ser		/ell Summary						
		ed to surface with seve	and the second s	site. ft. 2-7/8" tubing to 8,510	Iff Packardasti	h 8 468 ff				
Hour Hou		ig 10 0,000 it. 0-1/2 5	CLES MEI W 5,745	Activity on Site		i ojado ic				
5:30	Depart Hot			Activity on Site	,					
6:30		perations Mtg including	n Oil/Gas Regulator	e						
6:45	4	ocation and monitor ga								
				hoke lines), which is finis	hed down the hill					
8:40		20T hydraulic crane w/	200 ft stick.							
9:40		afety meeting								
10:25	the state of the s	ge arrives and position		o-Andria Common						
11:00		bridge arrives and is a		ested w crane went smooth. Bridge w	as unight @ 15 (	000 lbm				
11.50		lings from BOX of bridg		well shoulf. Bluge w	as weight @ 15,0	DOO IDITI				
12:30	Lunch									
13:00				ongeal oil to fall back into	orater and keep	out of air				
14:00		crane and remov from								
15:00		operatons due to wind		ssing merits/risks of cutti	ion tubina prior to	ist sutting turbing				
				group meeting to discus			n 10-15 M#			
	compression	OF SHIP OF A SHIP SHIP A STREET SHIP SHIP SHIP	inte (Danolollela) III	group mooning to alcour	o toodeo aj odija t	parting raphing while it is t	110 10 101			
17:30	Leave loca	ition and head to hotel.								
- 1										
	-									
				ected Operations						
				netic vector of a 2 nd wel	in the drill path.	Last gyro showed well I	oe 10 feet			
ther away than	anticipated, M	lagnectic field could be	corrupted w/o proc							
C)-	nature Cueto-	er Representative		Approvals Print Na	me	1	Date			
Sigi	iature Gustom	ei nepiesentative		Print Na	iuc		Date			
	re Boots and C	Coots Representative		Print Na	me		Date			
Signatu				Jim LaGr						
Signatu		Hours on Location	Travel Hours		ployee Name	Hours on Location	Travel Hours			
Employee		1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -					2002 07-110-0			
Employee Richard Ha	etteberg	11,5	05		m LaGrone	11.5	0.5			
Employee Richard Ha Travis M	atteberg Nartel	11,5 11,5	0.5		m LaGrone olly Gomez	11.5	24-72			
Employee Richard Ha	atteberg fartel layton	11,5			and the same of th		0.5			

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Coots A WALLISDATON SERVICE Date: 19-Dec-2015 Well Name and Number: Porter #39A Report# 5 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: **Customer Billing Address:** Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: Jon Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Comments Description of Charges: Level Units Unit Charge Total Well Control Engineer John Hatteberg 2 Well Control Engineer 2 Wayne Courville 1 General Daily Expenses JH/WC 2 JH/WC Hotel 2 Rental Car JH/WC 1 **Estimated Daily Total Well Summary** Activity on Site Hour Hour 5:30 Departed hotel for P39A location 5:40 6:30 7:30 Attended SS25 morning pre job meeting 7:30 9:00 Worked on rig audit report Continued work on relief well supplemental operations document, reviewed and discussed new SHL that were recently resurveyed, decision 9:00 12:00 made to stick to previous resurveyed locations as thos closely match SoCalGas database SHL surveys 12:00 13:00 Move to point to observe work on SS #25 bridge 14:00 17:30 Continued work on relief well supplemental operations document, forwarded it to senior B&C personnel for review 17:30 17:45 Departed P39A location for hotel **Projected Operations** Attended morning pre job meeting, worked on lost circulation document and special operations report, sourced TCP guns Approvals Signature Customer Representative **Print Name** Date Signature Boots and Coots Representative Print Name Date John Hatteberg 19-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location **Travel Hours** John Hatteberg 12 Wayne Courville 12 Total Man-hours for Noted Date:



81-931-8	884			V	A LOUIS BOOKS			
		Date: 20	-Dec-2015		Well Name and	l Number:	Standard Senson 25 R	eport# 57
	Custor		uthern California Ga	and the party of the state of t		County:	Los Angeles	
Gustor	ner Billion		801 Tampa Ave., SC			State:	California	
Gusioi	Her Diffills	INC	orthridge, CA, 9132	6	Country:		USA	
Conta	mus Danus	AFE#:			100 000	Location:	Alise Canyon Storag	e Facility
		esentative: erated By: Jin	a La Grana			Well Type: Job Type:	Gas Well Contro	i .
K			andard Senson 25			Rig No:	N/A	
D		of Charges:	Level	Com	ments	Units	Unit Charge	Total
		ntrol Specialist	4		Hatteberg	1	onk onlinge	, o,u
- 19	Well Contr	ol Specialist	4	Travis	Martel	1		
		pecialist	4		Baggett	1		
		nrol Engineer	4		aGrone	1		
		nrol Engineer	4	45,747.9	Gomez	1		
		ntrol Specialist	4		Clayton	1		
		neering Suppor	and the same of th	30.00.0	ghshenas	1		
		aily Expense	1	- maone i ti	G	7		
		otel				7		
		pment		Junk Shot I	Manifold Stby	1		
	Renta	al Cars				3		
				Estim	ated Daily Total			
					ell Summary			
			to surface with seve					
		oft. 7" casing t	to 8,585 ft. 5-1/2" sl	otted liner to 8,745	t. 2-7/8" tubing to 8,51		epth 8,468 ft.	
Hour	Hour				Activity on Si	ite		
5:30		Depart Hotel						
6:30			ng Operations meeti		had The December 1	000E-4040	alle .	
6:45 7:00			25 pad, check LEL a ed SSV (manumatic		heck Tbg Pressure of	3323=1318 ps	alg	
8:00						nd rod and area	und Hatteberg's crossing	
10:00					same to bridge & earth			
11:00			safe mono-condute					
12:00		Lunch						
12:35	-	Cont. RU W/L						
10.00			gauge ring and be			Marine To an area		
13:30					All ready to RIH first t s stable and secure	ning in morning	]	
		17-5-7-13 (6-5)	e unit w/ plastic	in side. Weimead i	s stable and secure			
14:00		4 - 7 - 4 - 5 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1	ral housekeeping. O	perations suspende	d for evening			
15:00					ccess and droplet colle	ection		
	1		assiting in droplet					
		Relief well ap	pears to be 2 ft from	target on high side	running 4" gradient to	ol to determine	e exact distance to target.	
		1						
- 3								
		1						
			1050		cted Operations		10 minutes and the second of the second	1 18 1
			urvey of 25B (now d it on target well for t		i). Found target well 2	π away and wi	ill run gradient tool (4") to dis	cern exact distan
no everi	ng. Frepa	ire for tubing ct	a on larger well for h		Approvals			
	Signati	ira Customer	Representative		Approvals Print N	ame	7	Date
	Signati	are oustomer	mehieseittative.		FIRE	artic		Date
					2000	200.5		
S	ignature l	Boots and Coo	ots Representative		Print N	ame		Date
					Jim LaG	Brone		
	mployee Na		Hours on Location	Travel Hours		mployee Name	Hours on Location	Travel Hours
	chard Hatteb	erg	11.5	0.5		Jim LaGrone	11.5	0.5
	Travis Marte		11.5	0.5		Rolly Gomez	11.5	0.5
1	Danny Clayto		11.5	0.5 0.5		444		
1	Divid Court							
	Bud Curtis Mike Bagger		115	0.5				

7047 W. Greens Rd.



This is an estimate only for the date listed on this sheet. This is not an invoice.

iouston, 81-931-8	, TX. 770 3884	66				WION SERVICES		und direct. Trill id ije		
		Date:	20-Dec-2015		4.9	Well Name a	nd Number:	Porter #39A	Report#	6
	Custor		Southern Cal		as Company	7,3817,3817,2	County:	Los Ang		
0	1.00		12801 Tampa				Region:	Califor		
Custom	ner Billing	Address:	Northridge, C	A 91326			Country:	USA		
	Purcha	se Order#				We	ell Location:	Alsio Canyon Sto	rage Facility	
Custon	ner Repre	sentative:	Todd Van de	Putte, M	ike Dozier		Well Type:	Relief V	Vell	
Re	-		Jon Hatteber	9			Job Type:	Relief V		
			Porter 39A				Rig No:	Ensign		
		of Charge		_evel	7.10 (0.3)	nents	Units	Unit Charge	Tota	d
	Well Control Engineer 3 Well Control Engineer 3 General Daily Expenses Hotel			atteberg	1					
				Courville	1					
G				WC	2					
		Hotel Rental Car		JH/	WC	2				
	IVE(I	idi Odi			JIII	***		7		
								7		
					Esti	mated Daily Tota	L			
						Well Summary				-
Hour	Hour					Activity	on Site			
5:30	5:40	Departed	hotel for P39A	Alocation						
9:00 10:45 12:45 13:30 15:00	7:30 10:45 12:45 13:30 15:00 17:00	Cleanout Run casin RW bega Finished I Held pre-j Wireline of Ran RR# Initial RR# back and Re-ran W atempt, an	run and gamn ng 10' off botto n POOH POOH drill str job safey mee could not get o 1 to bottom to #1 information side tracking fellspot with 4' nd ranged at 3	ing, begating before the range, constitution shows the range s	n breaking down Bl re running WellSpor an 2920' MD, came buld only get 26' off here is a well 2' edg owest possible depr onfirm ranging findi Sperry rigged dow	HA t run on wireline for out of hole to run bottom setting the e-to-edge highside th to run casing. ngs. Comm error	e from the relief well		d contigencies o	
		preparation	on for 7pm me	eting (wh	iich was later pushe	ed to the next day)			ation at 17.30 to	
	gnature E	re Custon	ner Represen Coots Repres	tative sentative	Pro	ed to the next day)  pjected Operation  Approvals  Pri	nt Name nt Name Hatteberg		Date Date 20-Dec-15	hotel in
E	gnature E	re Custon Boots and	ner Represen Coots Repres	tative sentative	Pro	ed to the next day)  pjected Operation  Approvals  Pri	nt Name	Hours on Location	Date Date	hotel in
Eı	gnature E	are Custon Boots and	ner Represen Coots Repres	tative sentative	Pro	ed to the next day)  pjected Operation  Approvals  Pri	nt Name nt Name Hatteberg		Date Date 20-Dec-15	hotel in

Total Man-hours for Noted Date:



		Date: 21-Dec-2			Well Name	and Number:	Standard Senson 25	Report#	
	Custor	mer Name:  Southern				County:	Los An		
Custor	mer Billing	g Address: 12801 Ta	mpa Ave., SC	9328		State:	Califo		
60,000,0		Northriag	e, CA, 9132	5		Country:	US Allea Convent	2.4	
Custo	mor Ponre	AFE#:			V	Vell Location: Well Type:	Alise Canyon S Ga		
		erated By: Jim LaGre	270		-	Job Type:	Well C		
150		se - Well #: Standard				Rig No:	N/	270001200	
D		of Charges:	Level	Com	ments	Units			
		ntrol Specialist	4		Hatteberg	1			
- 1	Well Contr	ol Specialist	4	Travis	Martel	1			
	HSES	Specialist	4	Mike I	Baggett	1			
		nrol Engineer	4		aGrone	1			
		nrol Engineer	4		Gomez	1 1			
		ntrol Specialist	4		Clayton	1			
		neering Support	1	36.03	ghshenas	1			
General Daily Expense			1	CHAVILLE	3.101101100	7			
		otel				7			
		pment		Junk Shot I	Manifold Stby	4			
	Rent	al Cars				3			
				Estim	ated Daily Total				
					ell Summary				
		has broached to surf	the same of the same of the same of	Andreas Company and Company of the C	and the second in the commence of the				
-3/4" ca	sing to 99	0 ft. 7" casing to 8,589	5 ft. 5-1/2" slo	otted liner to 8,745 I	ft. 2-7/8" tubing to	8,510 ft. Packer of	lepth 8,468 ft.		
Hour	Hour				Activity o	n Site			
5:30		Depart Hotel							
6:30		Attend Morning Ope	rations meetir	ng, wind from the so	outh				
6:40		Tubing Pressure on		psi, est BHP is 155	of psi or 3.5 ppg ed	quivalent			
7:00 7:30		Move in crane & wire							
8:30		Place cment blocks on choke line RU lubricator and test 400# low, 4000# high, Equalize to 1300#, open crown valve and RIH w/ 2,133" Gauge ring							
9:30							ose to well 25 downhole		
4.00							ent Runs, but actually se		
14.30		Finish out of hole w/	rotating magn	net, 2000# on 25B					
15:00		Install additional gra					oil mist)		
16:00		Move slick line eqpt							
16:30		Reconfigure pump tie in lines to glycol line. Equalize w/ 2000 psi and pump 1 bbl of glycol into well. No "sealing" ice plug							
17:15		Leave location							
		Target well is 13 ft av	way at TD and	18 dea left of high	side				
		Tangor Homes	, at 10 an	a re deg lett er riigh	7,00				
		-							
		1							
				Proje	cted Operations				
			down tubing,			atomacious earth a	and nutplug. If on losses	s, will maintain los	
	to pump 3		down tubing,	the middle 100 bbl	will be laced w/ dia	atomacious earth a	and nutplug. If on losses	s, will maintain los	
	PM of 15 p	pg		the middle 100 bbl	will be laced w/ dia		and nutplug. If on losses		
	PM of 15 p			the middle 100 bbl	will be laced w/ dia	ntomacious earth a	and nutplug. If on losses	s, will maintain los Date	
	PM of 15 p	pg		the middle 100 bbl	will be laced w/ dia		and nutplug. If on losses		
4-1/2 BF	Signat	pg	sentative	the middle 100 bbl	will be laced w/ dia Approvals Prii		and nutplug. If on losses		
I-1/2 BF	Signat	pg ure Cusfomer Repres	sentative	the middle 100 bbl	will be laced w/ dia Approvals Prii	nt Name nt Name	and nutplug. If on losses	Date	
I-1/2 BF	Signati	pg ure Customer Repres Boots and Coots Rep	sentative presentative	the middle 100 bbl	will be laced w/ dia Approvals Prii	nt Name nt Name LaGrone		Date Date	
-1/2 BF	Signati Signature	pg ure Customer Repres Boots and Coots Represented the Hours of	sentative presentative n Location	the middle 100 bbl	will be laced w/ dia Approvals Prii	nt Name nt Name LaGrone Employee Name	Hours on Location	Date Date Travel Hou	
1-1/2 BF	Signature I	pg ure Customer Repres Boots and Coots Rep me Hours of	oresentative	the middle 100 bbl	will be laced w/ dia Approvals Prii	nt Name  nt Name  LaGrone  Employee Name  Jim LaGrone	Hours on Location	Date Date	
S Ei Rin	Signati Signature	pg ure Customer Repres Boots and Coots Rep ume Hours or perg 1	sentative presentative n Location	Travel Hours	will be laced w/ dia Approvals Prii	nt Name nt Name LaGrone Employee Name	Hours on Location	Date Date Travel Hot 0.5	
S Ei Rin	Signature I mployee Na chard Hattet Travis Marte	pg ure Customer Repres Boots and Coots Repres me Hours or perg 1 pr 1	oresentative n Location 1.5	Travel Hours  0.5 0.5	will be laced w/ dia Approvals Prii	nt Name  nt Name  LaGrone  Employee Name  Jim LaGrone	Hours on Location	Date Date Travel Hot 0.5	



					ENTION SERVICE					
					HALLIBUTION SETTING					
	4	Date: 21-De			Well Name	and Number:	Porter #39A	Report # 7		
	Custome		nern California G			County:	Los An			
Custome	r Billing A	ddraee.	1 Tampa Ave., S ridge, CA 91326			Region: Country:	Califo			
	Purchase		inage, CA 91320			Well Location:	Alsio Canyon S			
Custome			Van de Putte, M	ike Dozier		Well Type:	Relief	AND COMPLETE CONTRACTOR		
		ted By: Jon H		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Job Type:	Relief	200000		
	Lease -	Well #: Porte	r 39A			Rig No:	Ensign	1 587		
	ription of C		Level	THE PERSON NAMED IN COLUMN 1	ments	Units	Unit Charge	Total		
	Control Er	_	3	11 (12 (0) 10)	atteberg	1				
	Control Er	-	3		Courville	1	_			
General Daily Expenses Hotel				JH/WC JH/WC		2 2				
Rental Car					WC	1				
	11011101									
				Estim	nated Daily Tota	d .	-10			
				V	Vell Summary					
	- I									
lour	Hour	rest tare a rest				rity on Site				
1:00		A STATE OF THE STA		d CBL on 13 3/8" s	urface casing					
5:40			for P#39A location							
3:30	7:00 F	orward SS#25	operations mee	ting						
	V		RMRS assemb			ssure on the 9 5/8" cas SS#25B well to confirm	sing shoe. In that target well spotted	d on the WellSpot run		
7:45	11:15 P	icked up BHA	with bit, motor a	nd RMRS sub and	ran to bottom					
11:15	101311					Picked up BHA with bit, motor and RMRS sub and ran to bottom  Finished ranging using the RMRS, POOH with same (RMRS ranging report attached), received new forward drilling plan from Speri entered it into Compass. Also received caprock depth clarification from Hilary.				
16:30		eparted P#39/ continued to TI	A location for hot	el. Picked up gam		from Hilary.		ng plan from Sperry a		
					ma ray logging s		gged the hole from the s			
- 4					ma ray logging s		gged the hole from the s			
- 1				Proje	ma ray logging s	ub (ran on DP) and lo	gged the hole from the s			
				Proje		ub (ran on DP) and lo	gged the hole from the s			
Si	ignature C	ustomer Repi	D next day)	Proje	ected Operation	ub (ran on DP) and lo	gged the hole from the s			
			D next day)	Proje	ected Operation Approvals	ub (ran on DP) and lo	gged the hole from the s	shoe to 3,038' MD		
			next day)	Proje	ected Operation Approvals	ub (ran on DP) and log	gged the hole from the s	shoe to 3,038' MD  Date		
Signa		and Coots R	next day)	Proje	ected Operation Approvals	ub (ran on DP) and log	gged the hole from the s	Date  Date 21-Dec-15		
Signa	ture Boots	and Coots R	esentative		ected Operation Approvals	ub (ran on DP) and log  Print Name  Print Name  hn Hatteberg		Date Date 21-Dec-15		
Signa Emplo John	ture Boots byee Name	and Coots R	esentative epresentative		ected Operation Approvals	ub (ran on DP) and log  Print Name  Print Name  hn Hatteberg		Date Date 21-Dec-15		



	2.4	100 B		10000				
		: 22-Dec-2015 : Southern Californi	a Cae Company	Well Name a	and Number:		eport# 59	
		12801 Tampa Ave			County: State:	Los Angeles California		
Custon	ner Billing Address	Northridge, CA, 9			Country:	USA		
	AFE #		DAME.	W	ell Location:	Aliso Canyon Storag	ge Facility	
Custor	mer Representative	:			Well Type;	Gas	X	
Re	eport Generated By				Job Type:	Well Contro	ol	
		: Standard Senson			Rig No:	N/A		
D	escription of Charg			iments	Units	Unit Charge	Total	
	. Well Control Special Well Control Special			Hatteberg s Martel	1			
	HSE Specialist	4	7,707.0	Baggett	1			
S	r. Well Conrol Engin			aGrone	1			
	r. Well Conrol Engin			Gomez	1			
	. Well Control Specia			Clayton	1			
	. Well Control Specia			Bud Curtis				
Houston Engineering Support			Arash Haghs	henas (arrived)	0			
(	General Daily Expen Hotel	se 1			7 7			
	Equipment		Junk Shot I	Manifold Stby	1			
	Rental Cars		22.01.21.01		3			
			Estim	ated Daily Total				
				lell Summary				
ndard S	Senson 25 has broad	thed to surface with	several fissures on pad					
			2" slotted liner to 8,745	The second secon	3,510 ft. Packer of	lepth 8,468 ft.		
lour	Hour			Activity or	Site			
5:30	Depart H	otel						
6:30	Attend M	oming Operations n	eeting, wind from the so	outh/west variable w	/ lots of fog, frequ	ently can't see kill location		
7:10						Tubing pressure is 1215 psi		
						ure dropped to 1140 psi		
8:00 9:00		Close wellhead, bleed off lines and remove chem injection pump. Call HOWCO and inform SS 25 ready for pump line test pressure.  Site safety meeting						
9:10			Hi/ 5000 psi low While	a blooding back from	n 5M# biob @ 120	M nsi chicksan o-ring leakin	n on location	
5.10		Begin Pump Line test 400 psi Hi/ 5000 psi low. While bleeding back from 5M# high @ 1200 psi, chicksan o-ring leaking on location Change out loop/bale						
9:50		Repeat test 400/5000 with 5/10 min test, respectively. All OK						
0:10					100 bbl mud w/ 1	25#/bbl mud & 30 ppb Nutpli	ug, 100 bbl of mu	
0:15			job. 40 bbl gone, 150	psi on pump, 13 psi	on wellhead			
0:20		umped 200 psi						
10:22		one, 200 psi, mud/oi		4/0 DDM /		100 7 8-4 1 1-1000	and least CO LLD	
11:05 11:20						i 120 psi, flat lined at 260 psi e formation. Similar as befo		
11.20			to surface due to 15# mi		in cialer, very nu	e formation, omniar as pero	ie	
3:28			ro to 248 psi, well contil		drated/clabbarde	d mud		
4:00						nump line to isolate manifold.	Monitor well	
4:30			d from crater. Well beg	gan to settle down, c	labbard mud still	being ejected		
5:30	Secure v	ell site and Demob	all personnel					
-								
_								
			Proje	cted Operations				
				line ovaluation				
cure we	ell: Tighten lines and	add additional and	wait on weather for wire	III C C VAIDADON				
curé we	ell: Tighten lines and	add additional and						
cure we				Approvals	-3-			
curé we		add additional and		Approvals	t Name		Date	
curé we				Approvals	t Name		Date	
		mer Representative		Approvals Prin	t Name t Name		Date Date	
	Signature Custo	mer Representative		Approvals Prin	t Name			
s	Signature Custo	mer Representativ	tive	Approvals Prin	t Name LaGrone	Hours on Location	Date	
S	Signature Custo signature Boots and mployee Name	mer Representative Coots Representa	tive	Approvals Prin	t Name LaGrone Employee Name	Hours on Location		
S Er Ric	Signature Custo	mer Representativ	tive Travel Hours	Approvals Prin	t Name  _aGrone  Employee Name  Jim LaGrone	Hours on Location	Date Travel Hours	
S Er Ric	Signature Custo Signature Boots and Imployee Name chard Hatteberg	Coots Representative Hours on Location 11.5	tive Travel Hours	Approvals Prin	t Name LaGrone Employee Name	11.5	Date Travel Hours 0.5	
S Er Ric	Signature Custo Signature Boots and Imployee Name chard Hafteberg Travis Martel	Coots Representative Hours on Location 11,5	tive Travel Hours 05	Approvals Prin	t Name  _aGrone  Employee Name  Jim LaGrone	11.5	Date Travel Hours 0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 22-Dec-2015 Well Name and Number: Porter#39A Report # 8 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: Jon Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville General Daily Expenses JH/WC 2 JHMC 2 JH/WC Rental Car **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued gamma ray logging run to 3,806' MD 0:00 2:30 POOH with gamma ray logging BHA, departed hotel for SS#25 location, held morning meeting at 06:30 hrs 4:00 7:00 RIH with open ended 5" drill pipe, set cement plug on bottom of hole, POOH same. Estimated top of cement at 3,606' MD. Wayne and 13:00 8:30 John were at the SS#25 location for the kill attempt. POOH with 5" drill pipe. Waited on cement. Made up 12 1/4" bit and drilled plug from 3,628' MD to 3,690' MD. Departed P#39A location for 13:00 0:00 hotel at 17:30. Projected Operations Approvals Print Name Signature Customer Representative Date Signature Boots and Coots Representative **Print Name** Date John Hatteberg 22-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 12 Wayne Courville 12 Total Man-hours for Noted Date:



		Date: 23-Dec-2	015		Well Name and No	ımber:	Standard Senson 25	Report# 6		
	Custor	mer Name: Southern			C	ounty:	Los Ange			
Custor	ner Billine		mpa Ave., SC			State:	Californ	iia		
60.805.	3370	AFE#:	e, CA, 91326	5	Well Los	ountry:	USA Alise Canyon Stor	rage Facility		
Custor	mer Repre	esentative:			108 (115 - 15)	Type:	Gas	rage radiity		
		erated By: Jim LaGr	one			Type:	Well Con	strol		
		se - Well #: Standard	Senson 25		F	Rig No:	N/A			
		n of Charges:	Level		ments	Units	Unit Charge	Total		
		ntrol Specialist	4		Hatteberg Martel	1				
	7 70 2 7 84 7	Specialist	4		Baggett	1				
S		nrol Engineer	4	Jim L	aGrone	1				
		nrol Engineer	4		Gomez	1				
		ntrol Specialist	4		Clayton	1				
		ntrol Specialist neering Support	1	Bud Curtis Arash Haghshenas (arrived)		0				
General Daily Expense 1				- assir (raylis	manage (antivara)	7				
	Н	lotel				7				
		ipment		Junk Shot I	Manifold Stby	1				
	Rent	al Cars			180 711	3				
					ated Daily Total					
andard	Sansan 25	5 has broached to surf	ace with save		ell Summary site					
Periodon.	-10123000	CANADA CA STATE SERVICE CONS	200	Personal State of Sta	ft. 2-7/8" tubing to 8,510 ft	t. Packer d	lepth 8,468 ft.			
Hour	Hour				Activity on Site					
5:30		Depart Hotel			7 10 10 10 10 10 10 10 10 10 10 10 10 10					
6:30		Attend Morning Ope								
7:10							Crater has grown 5 ft wider			
7:30							g outlet. Mark safety zone tee. Grating had moved a			
7.50								in realities		
8:30		Close valve on tree	alve access. Isolate HOWCO pump line at well and attemp to bleed off. Couldn't bleed off, valve possible cut out Blose valve on tree by taking off handle and closing with wrench. Bleed from 800 psi to 600 psi on Tee pump line manifold.							
9:00		the state of the s	cide to bleed pump line at Location 1 (where HOWCO cmt trucks are)							
9:50		Line up valves on Lo Check all lines on S								
10:30		Clear Western Wirel								
11:30		Disconnect chemica								
12:30		Lunch								
13:00		Wind not favorable t			A CONTRACTOR OF THE PROPERTY O	it Passes	igure power to Location 9	eito dover hill		
15:15		Hook T&T tractor to				in. Reconfi	Ame hower to recation a	sie down fill.		
15:30		Secure and clear sit		The second secon	17:017					
		+								
					200					
				Proje	cted Operations					
ear and	secure sit	te for wireline operatio	ns - noise/terr	p and tubing calipe	r					
	Ciment	ura Cuetamar Barra	pantativa		Approvals Print Nam		The state of the s	Date		
	signati	ure Customer Repre	semanve		Print Ivam			Date		
	tanat - 1	Danis and Arris B			mad in			Date		
	ignature l	Boots and Coots Re	presentative		Print Nam			Date		
S					Jim LaGror		The second			
		ime Hours o	n Location	Travel Hours 05		oyee Name	Hours on Location	Travel Hours		
E	mployee Na	nora .		(12)	Jim	LaGrone	11.5	0.5		
E	chard Hatteb					v Gomez	41.5	0.5		
E) Rit		el	15	0.5 0.5		ly Gomez	11.5	0,5		
E) Rit	chard Hatteb Travis Marte	el I	15	0,5		ly Gomez	11.5	0,5		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 23-Dec-2015 Well Name and Number: Porter#39A Report # 9 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Relief Well Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Report Generated By: Jon Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Ensign 587 Rig No: Description of Charges: Level Comments Units Unit Charge Total Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville General Daily Expenses JH/WC JH/WC Hotel Rental Car JH 1 Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Waited on cement plug 6 hours to continue hardening, Polished top of cement plug from 3,690' MD to 3,700' MD. POOH with 12 1/4" bit in 0:00 12:00 preparation for casing run. Ran 9 5/8" casing, shoe ran to 3,682' MD. 12:00 **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Print Name Signature Boots and Coots Representative Date John Hatteberg 23-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 12 Wayne Courville 12 Total Man-hours for Noted Date:

7047 W. Greens Rd. Houston, TX. 77066



				- CO	A COOKS SENEY												
		Date: 24-Dec	2015		Well Name at	nd Number: Sta	ndard Sesnon 25 Rep	oort#   6									
	Custo	mer Name: Souther		Company	Tren Hams a	County:	Los Angeles	201111									
Cuelo		12801	Tampa Ave., SC 9			California											
Custo	mer omit		lge, CA, 91326			Country:	USA										
-		AFE #:			We	II Location:	Aliso Canyon Storage	Facility									
		esentative: nerated By: Jim La0	Prope			Well Type: Job Type:	Gas Well Control										
- 15		se - Well #: Standa				Rig No:	N/A										
- 0		n of Charges:	Level	Comm	ients	Units	Unit Charge	Total									
S	r. Well Co	introl Specialist	4	Richard H	atteberg	1											
		rol Specialist	4	Travis I		1											
-		Specialist onrol Engineer	4	Mike B	12.0		1										
		nnol Engineer	4	Rolly G	5.47	1	-										
		ntrol Specialist	4	Danny C		4	7										
		ntrol Specialist	4	Bud Curtis		1											
		ineering Support	4	Arash Hag	hshenas	0	2										
-		aily Expense	1			7											
_		fotel ipment		Junk Shat M	anifold Sthy	1	3										
		tal Cars		James Service IIII		3											
		20 00	4	Estima	ted Daily Total		V										
				We	II Summary												
		5 has broached to su		Control of the Contro		egalara, row											
_		00 ft. 7" casing to 8,5	85 ft. 5-1/2" slot	ted liner to 8,745 ft.		510 ft. Packer depth	8,468 ft.										
Hour	Hour				Activity on	Site											
5:30		Depart Hotel	- 1.00-														
6:30 7:00	-	Morning Operation		qpt operator to clea	er debris Stonowe	ind from the porth											
7:30							side of bridge. Clean nort	h bridge walk									
9:30				ne for pressure sen		2000-2007-2006-2											
10:30	-			oad out all remain V													
44.50		Continue clearing mud off of bridge from east side of bridge. Remove skid grating from south end of bridge															
11:50		Lunch W/O California OS	OSHA for permission to return to work														
13:40				OK given from Cal	OSHA												
14:00		Flour eng visit site	to access gas re	covery. Continue of	leaning mud (dehy		vy) and debris from south	and east side									
				ee and haul off grat	ing platforms for cle	eaning											
16:00		Haul off VOC bin f		aronal													
10.00	-	Secure site and de	mon site of all p	eroller				Secure site and demob site of all peronel									
		Merry Xmas to all,	Merry Xmas to all, and to all a good night														
		Merry Xmas to all,	and to all a good	I night													
		Merry Xmas to all,	and to all a good	I night													
		Merry Xmas to all,	and to all a good	1 night													
		Merry Xmas to all,	and to all a good	1 night													
		Merry Xmas to all,	and to all a good	I night													
		Merry Xmas to all,	and to all a good	J night													
		Merry Xmas to all,	and to all a good	J night													
		Merry Xmas to all,	and to all a good	J night													
		Merry Xmas to all,	and to all a good	J night													
		Merry Xmas to all,	and to all a good		ed Operations												
ear and	secure si	Merry Xmas to all,		Project	ed Operations												
ear and	secure si			Project	ed Operations												
ear and		te for wireline operat	ions - noise/temp	Project and tubing caliper	pprovals												
ear and			ions - noise/temp	Project and tubing caliper	pprovals	Name		Date									
ear and		te for wireline operat	ions - noise/temp	Project and tubing caliper	pprovals	Name		Date									
	Signat	te for wireline operat	ions - noise/lemp esentative	Project and tubing caliper	pprovals Print			Date									
	Signat	te for wireline operat	ions - noise/lemp esentative	Project and tubing caliper	pprovals Print	Name		Date Date									
	Signat	te for wireline operat	ions - noise/lemp esentative	Project and tubing caliper	pprovals Print												
	Signat	te for wireline operat	ions - noise/lemp esentative	Project and tubing caliper	pprovals Print Print	Name											
3	Signal Signature	te for wireline operat ture Customer Repr Boots and Coots R	ions - noise/lemp esentative epresentative	Project and tubing caliper A	pprovals Print Print	Name aGrone		Date									
Š	Signat	te for wireline operat ture Customer Repr Boots and Coots R	ions - noise/lemp esentative	Project and tubing caliper	pprovals Print Print	Name	Hours on Location										
Š	Signal Signature	te for wireline operat ture Customer Repr Boots and Coots R	esentative epresentative on Location 11.5	Project and tubing caliper A	pprovals Print Print	Name aGrone Employee Name	Hours on Location	Date Travel Hours									
E Ri	Signature Signature Signature Simployee Nichard Hatte Travis Mart Daviny Clayin	te for wireline operat ture Customer Repr Boots and Coots R ame Hours berg	esentative epresentative on Location 11.5 11.5	Project or and tubing caliper A	pprovals Print Print	Name aGrone Employee Name Jim LaGrone	Hours on Location	Date Travel Hours 0.5									
E Ri	Signature  Employee Nather Hatte  Travis Mari	Boots and Coots R  ame Hours berg el	esentative epresentative on Location 11.5	Project and tubing caliper A	pprovals Print Print	Name aGrone Employee Name Jim LaGrone	Hours on Location	Date Travel Hours 0.5									

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Bones & Conte A WALLIES Date: 24-Dec-2015 Well Name and Number: Porter#39A Report # 10 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Unit Charge Total Level John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville JHAVC General Daily Expenses 2 Hotel JH/WC 2 Rental Car JH Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Tested lines to 3,000 psi. Pumped 9 5/8" cement job. 60 bbls of 10.5 ppg spacer, 210 bbls of 13.5 ppg class C "LEAD" and 57 bbls of 14.8 0:00 2:00 ppg class C "TAIL" cement. 2:00 10:00 Washed out stack, flow lines, shaker manifold. Waited on cement. Departed hotel for location at 5:50 hrs. Lifted BOP stack, set 9 5/8" casing slips, cut 9 5/8" casing with pnuematic cutter, nippled down BOP stack and set tubing head, began nippling up BOP. 10:00 0:00 Begain welding and installing 8" flare line off of separator, installed 8" mud leg from separator to shaker possum belly. Departed P#39A location for hotel at 14:30 hrs. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date **Print Name** Signature Boots and Coots Representative Date John Hatteberg 24-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 8.5 85 Wayne Courville Total Man-hours for Noted Date:

7047 W. Greens Rd. Houston, TX. 77066



						ON A COUTS SENIOR				
		Date:	25-Dec-20	15		Well Name a	ind Number:	Standard S	Sesnon 25 Re	port# 6:
	Custom	ner Name:		California Gas			County:		Los Angeles	
Custor	ner Billing	Address:		npa Ave., SC 9	328		State:		California	
1225.337	Was a mine		Mountinge	, CA, 91326		- W	Country:	Allie	USA	Pasiting.
Cuetor	mer Repre	AFE #:				VV	ell Location: Well Type:	Alis	o Canyon Storage Gas	raciny
			Jim LaGro	ne		1	Job Type:		Well Control	-
1,44			Standard S				Rig No:		N/A	
D	escription			Level	Con	nments	Units	1 1	Init Charge	Total
	. Well Con			4		Hatteberg	1			
1	Wall Contro		st	4	Travi	is Martel	1			
		pecialist		4		Baggett	1			
	r. Well Con			4		aGrone	1			
	r. Well Con			4		Gomez y Clayton	1	-		
	. Well Conf			4	Buc	Curtis	1	-		
	iston Engin			1		laghshenas	0			
	General Da			1		- Contraction	7			
	Ho	otel					7			
		oment			Junk Shat	Manifold Stby	- 1			
	Renta	l Cars					3			
						nated Daily Total				
						Vell Summary				
					il fissures on pad			Lina		
_		ft. 7" casi	ing to 8,585	ff. 5-1/2" slott	ted liner to 8,745	ft. 2-7/8" tubing to 8		depth 8,468	HL.	
our	Hour					Activity on	Site			
:30		Depart Ho								
30		Morning C	Operations N	vitg	EL 1					
:45		Arrive on	site and che	eck wind and L	EL levels, Stron	g wind from the north in gas flow. Clean m	n. Clean grating	SKID ON NORN	Class seemed as	er with
										anny or muu
1:00	_		te and trave		Section Illian Cylin		favorable to way			
1,00		Decure Si				acioi mesii. vviid ui	nfavorable to wo	rk on south s	ide w/ crane	
		Garage and Control	io and naio	to notel		acioi mesii. vviid ui	nfavorable to wo	rk on south s	ide w/ crane	
			is and liqis	i to notei		acioi mesn. Wind u	nfavorable to wo	rk on south s	ide w/ crane	
			is and natio	i to notei		acioi mesn. Wind ui	favorable to wo	rk on south s	ide w/ crane	
			is and nary	i to hotei		acioi mesii vviid ui	favorable to wo	rk on south s	ide w/ crane	
			is and light	i to notei		acioi mesii wiiid ui	nfavorable to wo	rk on south s	ide w/ crane	
			is and nary	i to notei		actor mestr. which the	ifavorable to wo	rk on south s	ide w/ crane	
				i to notei		actor mesar. wind ur	ifavarable to wai	rk on south s	ide w/ crane	
				I to notel		actor mestr. which the	ifavorable to wo	rk on south s	ide w/ crane	
				I to notel		acioi mesii. wiiid ui	ifavorable to wo	rk on south s	ide w/ crane	
				I to notel		actor mesar. Wind the	ifavorable to wo	rk on south s	ide w/ crane	
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				I to notel		actor mesat. Which the	ifavorable to wo	rk on south s	ide w/ crane	
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				I to note!			favorable to wo	rk on south s	ide w/ crane	
						ected Operations	favorable to wo	rk on south s	ide w/ crane	
ir and	secure site				Proje and tubing calip	ected Operations	favorable to wo	rk on south s	ide w/ crane	
nr and	secure site					ected Operations	favorable to wo	rk on south s	ide w/ crane	
ar and		a for wireling	ie operation	s - noise/lemp		ected Operations er		rk on south s		
nr and		a for wireling		s - noise/lemp		ected Operations er	t Name	rk on south s		Date
or and		e for wirelin	ne operation	s - noise/lemp		ected Operations er Approvals	t Name	rk on south s		Date
ar and		e for wirelin	ie operation	s - noise/lemp		ected Operations er Approvals		rk on south s		Date
	Signatu	e for wireling	ne operation	s - noise/lemp entative		ected Operations er Approvals Prin	t Name	rk on south s		
	Signatu	e for wireling	ne operation	s - noise/lemp		ected Operations er Approvals Prin	t Name	rk on south s		Date
	Signatu	e for wireling	ne operation	s - noise/lemp entative		ected Operations er Approvals Prin Mike	t Name  Dozier t Name	rk on south s		
	Signatu	e for wireling	ne operation	s - noise/lemp entative		ected Operations er Approvals Prin Mike	t Name	rk on south s		
S	Signatu	e for wirelin	ne operation	s - noise/lemp entative resentative		ected Operations er Approvals Prin Mike	t Name  Dozier t Name			
S Er Rit	Signature B	e for wireling for Guston	ner Represe	s - noise/lemp entative resentative	and tubing calip	ected Operations er Approvals Prin Mike	t Name Dozier t Name aGrone Employee Name Jim LaGrone			Date
S Er Rit	Signatu iignature B mployee Nan	e for wireling for Guston	ner Repress	s - noise/lemp entative resentative	and tubing calip	ected Operations er Approvals Prin Mike	t Name Dozier t Name aGrone Employee Name		urs on Location	Date Travel Hours
S Er Rit	Signature B	e for wireling for the Guston	ner Represo	s - noise/lemp entative resentative	and tubing calip	ected Operations er Approvals Prin Mike	t Name Dozier t Name aGrone Employee Name Jim LaGrone		urs on Location 8	Date Travel Hours 0.5
S Er Rit	Signature B mployee Nan chard Hattebe Travis Mariel	e for wireling for the Guston	ner Represe	s - noise/lemp entative resentative	Travel Hours 0.5	ected Operations er Approvals Prin Mike	t Name Dozier t Name aGrone Employee Name Jim LaGrone		urs on Location 8	Date Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Books & Cor Date: 25-Dec-2015 Well Name and Number: Porter#39A Report # 11 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Unit Charge Level Units Total Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville JH/WC 0 General Daily Expenses Hotel JH/WC Rental Car JH Rental Car WC Estimated Daily Total Well Summary Hour Hour Activity on Site 0:00 Continued nippling up BOP, Traveled hotel for location at 0600 hrs. 14:00 14:00 0:00 Began testing BOPs, choke line valves, kill line valves, standpipe, departed location for hotel at 1430 hrs. Projected Operations Approvals Signature Customer Representative **Print Name** Date **Print Name** Signature Boots and Coots Representative Date John Hatteberg 25-Dec-15 **Employee Name** Hours on Location **Travel Hours Employee Name** Hours on Location Travel Hours John Hatteberg 8.5 Wayne Courville 8.5 Total Man-hours for Noted Date:

7047 W. Greens Rd. Houston, TX. 77066



		a / lasti	2015		COOTS SETTING		0/ 1 10 27 5	
	Cunto	Date: 26-Nov-2 ner Name: Southern		e Company	Well Name a	nd Number: County:	Standard Senson 25 Los Angeles	Report # 33
0.07		12801 To	empa Ave., SC			State:	California	
Custo	mer Billing	Address: Northridg	e, CA, 9132	6		Country:	USA	
		AFE#			We	ell Location:	Aliso Canyon Storag	e Facility
		esentative:				Well Type:	Gas	
R		erated By: Danny W se - Well #: Standard				Job Type:	Well Contro	
-		se - weil #:  Standard		Com	m suita	Rig No:	N/A Unit Charge	Total
		ntrol Specialist	Level 4		ments Clayton	Units	Unit Charge	Total
		ol Specialist	4		Kopecky	1	7	
S		ntrol Engineer	4	Danny	/ Walzel	1		
		pecialist	4		Baggett	1		
		rol Engineer aily Expense	1		berg/Transit .K. / M.B. / J.H.	5		
		otel			/J.K./M.B.	4		
		10/3		5.50 5.00	and the Mile Pile			
		tal Car				1		
		lal Car				1		
	Rent	tal Car				1		
			4	Eetie	nated Daily Total	1		
					Well Summary			
indard	Senson 25	has broached to sur	face with seve		And the second s			
		oft. 7" casing to 8,58				510 ft. Packer der	oth 8,468 ft.	
Hour	Hour				Activity o			
5,45	6:00	Traveled from hotel	to location.					
6:00	6:30				onnel to begin work			
6;30 7:00	7:00 15:45	Attended morning o			talled eables served		ze. Performed site work.	
15:45	16:00	Attended end of the		ared to location. Ins	talled cables around	wellnead to stabili	ze. Performed site work.	
			day meaning.					
10:00	16:15	Traveled to hotel						
19:00	16:15	Traveled to hotel						
16:00	16:15	Traveled to hotel.						
15:00	16:15	Traveled to hotel.						
15:00	16:15		reled to Houst	on. Texas.				
15:00	16:15	John Hatteberg trav	eled to Houst	on, Texas.				
15:00	16:15		reled to Houst	on, Texas.				
15:00	16:15		reled to Houst	on, Texas.				
15:00	16:15		reled to Houst	on, Texas.				
10:00	16:15		reled to Houst	on, Texas.				
15:00	16:15		reled to Houst	on, Texas.				
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5:00	16:15		eled to Houst	on, Texas.				
500	16:15		reled to Houst	on, Texas.				
10:00	16:15		reled to Houst	on, Texas.				
10:00	16:15		reled to Houst	on, Texas.				
10:00	16:15		reled to Houst					
19:00	16:15		reled to Houst		ected Operations			
19:00	16:15		reled to Houst		ected Operations			
19:00	16:15		reled to Houst					
10:00		John Hatteberg trav			Approvals	nt Name		Date
19:00					Approvals	nt Name		Date
	Signati	John Hatteberg trav	esentative	Proj	Approvals Prin			2.00
	Signati	John Hatteberg trav	esentative	Proj	Approvals Prin	nt Name		Date Date
	Signature I	John Hatteberg trav	sentative presentative	Proj	Approvals Prin	nt Name ny Walzel		Date
\$ E	Signature I	John Hatteberg trav	esentative presentative on Location	Proje	Approvals Prin	nt Name	Hours on Location	2.00
E	Signature I	John Hatteberg trav	esentative presentative on Location	Projection of the Projection o	Approvals Prin	nt Name ny Walzel	Hours on Location	Date
E	Signature I imployee Na Danny Clayto Danny Walzo	John Hatteberg trav	esentative  presentative  on Location  10  10	Travel Hours 0.5 0.5	Approvals Prin	nt Name ny Walzel	Hours on Location	Date
E	Signature I	John Hatteberg trav	esentative presentative on Location	Projection of the Projection o	Approvals Prin	nt Name ny Walzel	Hours on Location	Date



				and the same of th			
	Date; 26-D			Well Name	and Number:	Standard Sesnon 25	Report # 6
C	ustomer Name: Sout				County:	Los Ang	
Customer E		1 Tampa Ave., SC 9 pridge, CA, 91326		-	State: Country:	Califo	
	AFE #:	inage, CA, 91320		W	ell Location:	Aliso Canyon St	
Customer F	Representative:				Well Type:	Ga	
	Generated By: Jim I	aGrone			Job Type:	Well Co	ontrol
	Lease - Well #: Stan	dard Sesnon 25			Rig No:	N/A	1
	iption of Charges:	Level	Com	ments	Units	Unit Charge	Total
	ell Control Specialist	4		Hatteberg	1		
	Control Specialist	4		s Martel	1	- 53	
	ISE Specialist	4		Baggett	1		
	ell Conrol Engineer ell Conrol Engineer	4		aGrone Gomez		-	
	Il Control Specialist	4		Clayton	1 1		
	Il Control Specialist	4		Curtis	1 1		
	Engineering Support	1		aghshenas	1		
	ral Daily Expense	1 1			7		
	Hotel				7	- 1	
	Equipment		Junk Shat I	Manifold Stby	1		
	Rental Cars				3	1	
				ated Daily Total		- 3	
				ell Summary		2	
	on 25 has broached to				Transaction of		
	to 990 ft. 7" casing to	8,585 ft. 5-1/2" slot	ted liner to 8,745			epth 8,468 ft.	
Hour Ho	our			Activity or	Site		
5:30	Depart Hotel						
6:30		operations meeting					
7:00						h on north end of bridge	collected
				has been damage			waya1
		n site. Wind is not			eer to necon site	for cleanup. Perform ge	merai
12:00	Secure site and		lavorable for craft	e work of any kind.			
12.00	Goodi o oito una	nours noundin					
			Proje	cted Operations			
ear and secu	ure site for wireline ope	rations - noise/iemp					
ear and secu	ure site for wireline ope	rations - noise/lemp					
			and tubing calipe				
	ure site for wireline ope		and tubing calipe	Approvals	t Name		Date
			and tubing calipe	Approvals Prin			Date
		presentative	and tubing calipe	Approvals Prin	t Name		Date
Si	ignature Customer R	presentative	and tubing calipe	Approvals Prin Mike	Dozier		
Si	gnature Customer R	presentative	and tubing calipe	Approvals Prin Mike			Date
Si	ignature Customer R	presentative	and tubing calipe	Approvals Prin Mike	Dozier t Name		
Si	ignature Customer R	presentative	and tubing calipe	Approvals Prin Mike	Dozier		
Si Signal	ignature Customer Ro ture Boots and Coot	epresentative s Representative	o and tubing calipe	Approvals Prin Mike	Dozier t Name aGrone	Hours on Location	Date
Signal Signal	ignature Customer Roture Boots and Coots	presentative	and tubing calipe	Approvals Prin Mike	t Name  aGrone  Employee Name	Hours on Location	Date
Signal  Employ Richard	ignature Customer Ro ture Boots and Coot	epresentative Representative	and tubing calipe	Approvals Prin Mike	t Name  aGrone  Employee Name  Jim LaGrone		Date  Travel Hours
Signal Signal Employ Richard Travis	ignature Customer Resture Boots and Coots	Representative	Travel Hours	Approvals Prin Mike	t Name  aGrone  Employee Name	6	Date  Travel Hours 0.5
Signal  Employ Richard Travis Danny	ignature Customer Ri ture Boots and Coots /ee Name Ho Hatteberg	Representative  Representative  urs on Location  6 6 6	Travel Hours 0.5	Approvals Prin Mike	t Name  aGrone  Employee Name  Jim LaGrone	6	Date  Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Copts Date: 26-Dec-2015 Well Name and Number: Porter#39A Report # Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 General Daily Expenses JH/WC JH/WC Hotel Rental Car JH 1 Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued BOP testing. Test HCR valve, FOSV, inside mudcross, test annular 300 psi low/3600 psi high, test all rams (300 psi low/5000 psi 0:00 5:30 high). Departed hotel for location. Attended SS#25 6:30 morning meeting. 6:00 7:00 12:30 Downtime to repair accumulator 4 way valve leak, perform choke drill. Attended P#39A 7:30 morning meeting. 7:00 Made up bit, RIH to 3,551' MD tag cement, drilled out cement and shoe track from 3,551' MD to 3,682' MD. Departed P#39A location at 12:30 18:00 15:00 for hotel. Continued drilling from 3,682' MD to 3,700' MD. Circulated buttoms up, performed flow check and pulled out of hole. 18:00 21:00 Picked up directional tools and began running to bottom. 21:30 0:00 **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Signature Boots and Coots Representative **Print Name** Date John Hatteberg 26-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 8

9

Wayne Courville

Total Man-hours for Noted Date:



		-	0=		messessing dayres					200
			27-Dec-2015		Well Name	and Number:	Porter#39A	Report	#	13
	Custor	ner Name:	Southern California			County:	Los Ang			
Custor	mer Billing	Address:	12801 Tampa Ave., Northridge, CA 9132			Region: Country:	California USA			
_	Purcha	se Order#	Norminage, CA 9132	0	W	/ell Location:	Alsio Canyon St		tv	_
Custo			Todd Van de Putte,	Mike Dozier		Well Type:	Relief		.,	
			John Hatteberg			Job Type:	Relief	46.01		
	Leas	e - Well #:	Porter 39A			Rig No:	Ensign	587		
		f Charges:	Level		ments	Units	Unit Charge		Total	
	/ell Control		3		latteberg	1				
	/ell Control		3	20.00	Courville	1				
	Vell control	Expenses	1		aghshenas I/WC	0 2				
Ge	Hotel				I/WC	2				
	Rental				JH	1				
	Rental	11.2-4-			NC	1				
			() IE - U			310				
					nated Daily Total					
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					well summary					
	III as	1								
0:00	10:00	Pumped h hrs. Atter Pulled out	igh viscosity sweep a ded P#39A meeting of the hole to 3,675'	rectional BHA. Drill and circulated hole o at 0730 hrs. MD. Performed the	Activit led from 3,700' MD clean. Departed ho	otel for location at 06	sliding. Observed 100% 00 hrs. Attended SS#25 9.0 ppg mud to 775 psi.	morning m	neeting	at 0
Hour 0:00 10:00	10:00	Pumped h hrs. Atter Pulled out (3,316' TV Pulled out	igh viscosity sweep a ded P#39A meeting of the hole to 3,675' (D) FIT calculation po of the hole and laid	rectional BHA. Drill and circulated hole o at 0730 hrs. MD. Performed the int. down directional BH.	Activitied from 3,700' MD clean. Departed ho FIT test to 13,5 p A. Made up gryo f	oto 3,750' MD, 90% otel for location at 06 pg EMW, pressured	00 hrs. Attended SS#25	Assumed	neeting :	at 0
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0:00 10:00 12:30 22:00 Sig	10:00 12:00 22:00 0:00 Signature	Pumped hrs. Atter Pulled out (3,316' TV Pulled out and 3,750 Pulled out	igh viscosity sweep a ded P#39A meeting of the hole to 3,675 (D) FIT calculation poof the hole and laid (MD. Departed P#30 of hole from 3,750 M	rectional BHA. Drill and circulated hole of at 0730 hrs. MD. Performed the int. down directional BH. 9A location at 1530 I/ID with gryo BHA.	Activitive Activitive Activitive Activitive Activitive Activities and Departed Activities FIT test to 13.5 p. A. Made up gryo three for hotel.  Laid down same.  Approvals  Properties Activities Acti	oto 3,750' MD, 90% otel for location at 06 pg EMW, pressured BHA and ran in hole fint Name rint Name	9.0 ppg mud to 775 psi. to TD, Took gyro survey	Date 27-Dec	neeting 3,750' M	at 0
0:00 10:00 12:30 22:00 Sig	10:00 12:00 22:00 0:00	Pumped hrs. Atter Pulled out (3,316' TV Pulled out and 3,750 Pulled out	igh viscosity sweep a ded P#39A meeting of the hole to 3,675° (D) FIT calculation poof the hole and laid of MD. Departed P#30 of hole from 3,750° M	rectional BHA. Drill and circulated hole of at 0730 hrs. MD. Performed the int. down directional BH. 9A location at 1530 I/D with gryo BHA. I	Activitive Activitive Activitive Activitive Activitive Activities and Departed Activities FIT test to 13.5 p. A. Made up gryo three for hotel.  Laid down same.  Approvals  Properties Activities Acti	oto 3,750' MD, 90% otel for location at 06 pg EMW, pressured BHA and ran in hole rint Name	00 hrs. Attended SS#25	Date 27-Dec	neeting 3,750' N	at 00

7047 W. Greens Rd. Houston, TX. 77066



					CAMIS			
	Custom	Date: 27-Dec- er Name: Souther		Constitution	Well Name a		Standard Sesnon 25	Report # 6
50.000		12901 T	ampa Ave., SC 9			County: State:	Los Ange Californ	
Custon	ner Billing	Address: Northrid	ge, CA, 91326	7020		Country:	USA	
		AFE #:			W	ell Location:	Aliso Canyon Sto	rage Facility
	ner Repres					Well Type:	Gas	12.0
Re	port Gene	rated By: Jim LaG	d Section 25			Job Type: Rig No:	Well Cor	ntrol
De		of Charges:	Level	Com	ments	Units	Unit Charge	Total
		rol Specialist	2		Hatteberg	1	om onarge	Total
V	Nall Contro		2		Martel	1		
_	HSE Sp		2		Baggett	1 - 1		
		rol Engineer rol Engineer	2 2		aGrone Gomez	1		
		rol Specialist	2		Clayton	1 4		
		rol Specialist	2	Bud	Curtis	1		
		eering Support	4-4	Arash Ha	ighshenas	0		
C		ly Expense	1 1			7		
	Ho Equip	222		Junk Shot N	Manifold Stby	7		
	Rental			Junio Gridi II		3		
	-2.0a		1	Estim	ated Daily Total	-		
					ell Summary			
		has broached to su					- North Control	
		ft. 7" casing to 8,5	85 ft. 5-1/2" slot	ted liner to 8,745 f	t. 2-7/8" tubing to 8		pth 8,468 ft.	
Hour	Hour				Activity on	Site		
5:30		Depart Hotel						
6:30 7:00		Attend morning ope			NNW winds not fav	orable for work on	bridge	
7,50							work for gas mist extract	ors
		Unable to weld due	to burn ban and	high winds		CONTRACTOR STATE OF THE STATE OF THE	Carrotte Control Control	2.6
11:15				a might without				
		DOGR rep came or						
11:30		Lunch	n site, Wind not	favorable for work		5% so can't do cra	ng work on south side of	well
11:30 12:45		Lunch Return to site with	n site, Wind not diminished wind	favorable for works, however out of	NNW and LEL's +85		ne work on south side of	
11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85		ne work on south side of pipe below bridge to bott	
11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
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11:30 12:45 14:00		Lunch Return to site with o Take AECON (struc Clear site of all per	n site. Wind not diminished wind dual engs) to sit	favorable for works, however out of	NNW and LEL's +85			
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81-931-8884				TO A COURS SERVICE		
	Date:	28-Dec-2015		Well Name ar	nd Number:	Standard Sesnon 25 Report #   6
C		Southern California G			County:	Los Angeles
Customer B		12801 Tampa Ave., S			State:	California
940.4347.1137.88	AFE #:	Northridge, CA, 9132	20	Wa	Country:	USA Aliso Canyon Storage Facility
Customer R	Representative:			- 100	Well Type:	Gas
	Generated By:	Jim LaGrone			Job Type:	Well Control
- 1	Lease - Well #:	Standard Sesnon 25			Rig No:	N/A
	ption of Charges			ments	Units	Unit Charge Total
	Il Control Special		1.7.297.0870.91	Hatteberg	1	
	Control Specialist SE Specialist	4		s Martel Baggett	1	
	ell Conrol Enginee			aGrone	1	-
Sr. VVe	Il Conrol Enginee	er 4		Gomez	1	
	Control Speciali		Danny	Clayton	1	
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	Engineering Supp		Arash H	aghshenas	0	
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				ell Summary		
ndard Senso	on 25 has broach	ed to surface with sev		State of the state	NO LIES	
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lour Ho	our			Activity on	Site	
5:30	Depart Hot	lel				
	Call Onyx I	cuum trucks to empty lease services to rig d amaged pump line tha	test frac tanks on sit	e. & separator egpt. Me	ove concrete clu	side of bridge walkway. bridge. Place mist mesh on south end of bi mp weights off of coflex choke line. AS tree
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Couts Date: 28-Dec-2015 Porter#39A 14 Well Name and Number: Report # **Customer Name:** Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville Arash Haghshenas Well control Engineer 1 0 General Daily Expenses JH/WC 2 JHAVC Hotel 2 Rental Car HL WC Rental Car 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site Made up directional BHA and ran in hole to 3,750' MD. Drilled from 3,750' MD to 3,850' MD. Circulate and condition hole. Departed hotel 0:30 12:30 for location at 0630 hrs. Attended P#39A morning meeting at 0730 hrs. Pulled out of hole and stood back directional tools 12:30 15:30 Rigged up wireline and ran ranging run #2 on wireline, laid down same. Departed location for hotel at 1630 hrs. Came back to location 2000 15:30 20:30 hrs to 2200 hrs to discuss ranging run #2 results (attached). Developed the RR#2 call box and target well movement diagram. 20:30 0:00 Made up directional BHA and ran in hole to 1,566' MD. **Projected Operations** Approvals Print Name Signature Customer Representative Date Signature Boots and Coots Representative **Print Name** Date John Hatteberg 28-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 12 10 Arash Total Man-hours for Noted Date:



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			12801 Tampa Ave.,			State:		California	
usto	mer Billing	Address:	Northridge, CA, 91	326		Country:		USA	
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R			Jim LaGrone			Job Type:	- 1	Well Contro	
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					Clear mud and debris fr				Wside.
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11:00				OSHA on site for insp	pection.				
13:20		Return to	arte was a restant of a same		The second secon				
					erations. Begin loading		s into roll-off box	es	
		Cal OSHA	returned to site. Sto	pped all operation for	erations. Begin loading r an additional inspectio		s into roll-off box	es	
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This is an estimate only for the date listed on IFLL CONTRO 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Conte Date: 29-Dec-2015 Well Name and Number: Porter#39A Report # 15 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 1 Well Control Engineer 3 Wayne Courville 2 Arash Haghshenas 0 Well Control Engineer General Daily Expenses JH/WC 2 JH/WC 2 Hotel Rental Car JH WC 1 Rental Car Estimated Daily Total Well Summary Hour Hour Activity on Site Continued running in hole to 3,850' MD 0:00 0:30 Directionally drilled 8 1/2" hole from 3,850' MD to 3,950' MD. Slid 35%, rotated 65%. Traveled to location at 0630 hrs. 2:00 7:30 Attended P#39A relief well operations meeting at 0730, Discussed adjusting 7" liner setting depth to 10' TVD above the S1 sand to 8062' TVD of the relief well. Discussed contingency plans in case 6 1/8" hole is not stable, best way to perforate, etc. Circulated and pumped 7:30 8:30 three sweeps to clean hole up. 9:00 12:00 Pulled out of hole from 3.950' MD. Laid down directional BHA. Rigged up Halliburton wireline, ran ranging run #3 (results attached) on wireline, rigged down wireline. 12:00 16:30 Held meeting with SoCalGas, Sperry and B&C representatives to discuss ranging results at 1630 hrs. Target well did not shift much after this ranging. That means that relief well can drill deeper to 4,100' MD this time before ranging again. This ranging run was the last of the 16:30 22:00 locate phase. If the next ranging run shows the target well to be where it is expected, the next few ranging runs will be performed in drill pipe. Rigged up SLB wireline logging equipment. Ran USIT and CBL. Rig down same. Departed location at 1700 and 1930 hrs for hotel. 22:30 0:00 Made up drilling BHA **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 29-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Travel Hours Hours on Location John Hatteberg 10.5 Wayne Courville 13 Arash 13 Total Man-hours for Noted Date:



		Date: 30-Dec-			Well Name and	Number:	Standard Sesnon	25 R	teport#	6
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Books & Cooks Date: 30-Dec-2015 Well Name and Number: Porter #39A Report # 16 **Customer Name:** Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Alsic Canyon Storage Facility Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 1 JH/WC 2 General Daily Expenses Hotel JHAVC 2 Rental Car JH 1 Rental Car WC 7 Estimated Daily Total Well Summary Hour Hour Activity on Site RIH with directional BHA to 3,950' MD. 0:30 2:00 Directionally drilled from 3,950' MD to 4,100' MD. Slid 45%, rotated 55%. Circulated and cleaned hole. Departed hotel at 0630 hrs. 2:00 10:00 Attended 0730 P#39A relief well morning meeting. 10:00 13:00 Pulled out of hole from 4,100' MD, laid down drilling BHA. Rigged up Halliburton e-line, made ranging run #4 (results attached), rigged down Halliburton E-Line. One B&C personnel departed P#39A 13:00 18:00 Location at 1530 hrs. Two B&C personnel stayed at location to attend RR#4 meeting at 1830 hrs. Waited for drilling plan and corrected target well survey which 18:30 19:30 were received at 1930 hrs. 20:30 Made up drilling BHA. Two B&C personnel departed location for hotel at 21:30 hrs. 23:00 Projected Operations Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 30-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 13 Wayne Courville Arash 14 Total Man-hours for Noted Date:

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 BODER & Cours Date: 31-Dec-2015 Well Name and Number: Porter #39A Report # Southern California Gas Company **Customer Name:** County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 1 Well Control Engineer 3 Wayne Courville 2 Well Control Engineer Arash Haghshenas 1 General Daily Expenses JH/WC 2 JH/WC Hotel 2 Rental Car JH Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site 0:00 1:30 Continued running in hole to 4,100' MD. Directionally drilled from 4,100' MD to 4,300' MD. Slid 30%, rotated 70%. Pumped high viscosity sweep. Departed hotel for P#39A location 1:30 15:00 Departed P#39A location at 1630 hrs. Pulled out of hole from 4,300' MD to 4,156' MD (2 stands) and made up side entry sub. Ran ranging 21:00 15:00 tools into DP, set shear pins on side entry sub, rigged up line guide. Ran into hole to 4,300' MD. Performed ranging run #5 from 4,300' to 4,175' inside DP (results attached). Retrieved wire line, laide down side entry sub and ranging 21:00 0:00 **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Signature Boots and Coots Representative Print Name Date John Hatteberg 31-Dec-15 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 9.5 Wayne Courville 11 10.5 Arash Total Man-hours for Noted Date:



		Date: 31-Dec-2			Well Name and I	Number:		Report# 6	
	Custor	ner Name: Southern				County:	Los Angel		
Custor	mer Billing	Address: 12801 Ta	mpa Ave., SC	9328		State:	Californi	3	
3 44 73	0.70	AFE #:	e, CA, 91326			Country:	USA	an Engillar	
Custo	mer Repre	esentative:			- FEET	eli Type:	Aliso Canyon Storage Facility Gas		
R	eport Gen	erated By: Jim LaGr	one			ob Type:	Well Control		
	Leas	se - Well #: Standard	Sesnon 25			Rig No:	N/A		
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		trol Specialist	4		Clayton	1			
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	Equi	pment		Junk Shot	Manifold Stby	- 1			
	Rent	al Cars				3	1.0		
					ated Daily Total				
					lell Summary				
ndard	Senson 25	has broached to surf	ace with sever	al fissures on pad	site. ft. 2-7/8" tubing to 8,510	A Dankasa			
		Jπ. / casing to 6,56	5π. 5-1/2 SIO	itted liner to 6,745	COLUMN TO SECURE A COLUMN TO SEC		ертп 0,400 п.		
lour 5:30	Hour	Depart Hotel, Comm	and Contains	arred from Lanctic	Activity on Site				
6:30	-	Attend morning ope			n 9 to Loaction 3				
0.00					able for crane work. Wa	it on wind to	subside.		
0:30	-	Go to location with S	SoCal reps and	Dogger rep. Win	d very strong from the no	orth			
4:30		Go to location w/ So			om the north				
6:00		Secure site and all p	ersonnel, leav	e location					
	-								
-									
	1-1								
		-							
_	-								
			1 6		cted Operations				
		e for wireline operatio across crater to colle		p and tubing calipe	er e				
ali inijot	extractors	across crater to colle	at oil diopiets.		Approvals				
	Signati	ire Customer Repre	sentative		Print Na	me	500	Date	
	oignati	are sustained respic	entary c		7.17115.1350	iiic		Dute	
					Mike Doz	zier			
					817.0				
		tended and Careta Day	presentative		Print Na	me		Date	
S	Signature I	soots and Coots Re					11		
S	Signature I	Boots and Coots Re			Jim LaGo	one			
S	Signature I	Boots and Coots Re			Jim LaGre	one			
	Signature I		n Location	Travel Hours		one ployee Name	Hours on Location	Travel Hours	
E Ri	mployee Na	me Hours o	10	6,5	Emj	ployee Name im LaGrone	10	0.5	
EI Ri	imployee Na ichard Hatteb Travis Marte	me Hours o	10	0.5 0.5	Emj	ployee Name			
Ei Ri	mployee Na	me Hours o	10	6,5	Emj	ployee Name im LaGrone	10	0.5	



		Date: 1-J			Well Name an	d Number:	Standard Sesnor		port# 6
	Custo		uthern California Ga			County:		os Angeles	
Custo	mer Billin	g Address: 128	301 Tampa Ave., SC	9328		State:		California	
3.00	0.70	AFE #:	rthridge, CA, 9132	6	Mal	Country:	Alica Can	USA yon Storage	Coolling
Custo	mer Renre	esentative:				Well Type:	Aliso Call	Gas	racinty
		erated By: Jim	LaGrone		+	Job Type:	Well Control		
			ndard Sesnon 25			Rig No:		N/A	
		of Charges:	Level	Com	ments	Units	Unit Ch	narge	Total
		ntrol Specialist	4		Hatteberg	1			
		ol Specialist	4		s Martel	1			
		specialist nrol Engineer	4		Baggett aGrone	1			
		nrol Engineer	4		Gomez	1			
		trol Specialist	4		Clayton	1			
S	r. Well Cor	trol Specialist	4		Curtis	1			
		aily Expense	1			7			
		lotel		1.1.61.1	14 15 11 OH	7			
		ipment al Cars		Junk Shot	Manifold Stby	3			
	Rent	ai Cais		Enti-	ested Daily Total	3			
					ated Daily Total				
andard	Senson 7	has broached	to surface with seve		the contract of the contract o				
					ft. 2-7/8" tubing to 8,5	10 ft. Packer	lepth 8.468 ft		
Hour	Hour	1	,		Activity on S		- Fall of 190 III		
5:30	1100	Depart Hotel			receivity of a	, ita			
6:30		Attend Operat	ion Mta						
7:30			Stong wind from N	orth. Tubing Press	ure - 1022 psi				
					ivorable from crane op	erations from t	he south		
12:00		Lunch							
				and the second		-			
13:30		Wind subsided			Y w/ 8" mesh mist ext			cation.	
13:30 14:30		Wind subsided Check depth of	of crater north of SS	25 casing w/ plumb	bob Approximately	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
3:30 4:30 5:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
3:30 4:30 5:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
3:30 4:30 5:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
3:30 4:30 5:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
3:30 4:30 5:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions. Prep	bob. Approximately are slope for run off w	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00		Wind subsided Check depth of Layout sandba	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions, Prep el Lock out road to	bob. Approximately are slope for run off work as 25 location.	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00 16:00	secure sit	Wind subsided Check depth of Layout sandba Secure site an	of crater north of SS ags as per GeoTech id clear all personne	25 casing w/ plumb instructions, Prep el. Lock out road to	b bob. Approximately are slope for run off wo SS 25 location.	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00 16:00		Wind subsided Check depth of Layout sandbe Secure site an	of crater north of SS ags as per Geo Tech	25 casing w/ plumb instructions, Prep el Lock out road to  Proje p and tubing calipe	b bob. Approximately are slope for run off wo SS 25 location.	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00 16:00		Wind subsided Check depth of Layout sandbe Secure site an	of crater north of SS ags as per GeoTech d clear all personner d crater all personner perations - noise/ten	25 casing w/ plumb instructions, Prep el Lock out road to  Proje  p and tubing calipe	b bob. Approximately are slope for run off wo SS 25 location.	30 ft to hole in	oottom of crater	cation.	
13:30 14:30 15:00 16:00	extractors	Wind subsided Check depth of Layout sandba Secure site an	of crater north of SS ags as per GeoTech d clear all personner d crater all personner perations - noise/ten	25 casing w/ plumb instructions, Prep el Lock out road to  Proje  p and tubing calipe	b bob. Approximately are slope for run off wo SS 25 location.	30 ft to hole in lith upcoming ra	oottom of crater		Date
13:30 14:30 15:00 16:00	extractors	Wind subsided Check depth of Layout sandba Secure site an	of crater north of SS ags as per GeoTech d clear all personne d clear all personne erations - noise/ten d collect oil droplets	25 casing w/ plumb instructions, Prep el Lock out road to  Proje  p and tubing calipe	ected Operations  Approvals  Print I	30 ff to hole in lith upcoming ra	oottom of crater		Date
3:30 4:30 5:00 6:00	extractors	Wind subsided Check depth of Layout sandba Secure site an	of crater north of SS ags as per GeoTech d clear all personne d clear all personne erations - noise/ten d collect oil droplets	25 casing w/ plumb instructions, Prep el Lock out road to  Proje  p and tubing calipe	b bob. Approximately : are slope for run off w SS 25 location.  School of the school o	30 ff to hole in lith upcoming ra	oottom of crater		Date
3:30 4:30 5:00 6:00	extractors Signat	Wind subsided Check depth of Layout sandbe Secure site an  secure site an  efor wireline op across crater to  ure Gustomer F	of crater north of SS ags as per GeoTech d clear all personne d clear all personne perations - noise/ten d collect oil droplets Representative	25 casing w/ plumb instructions. Prepel Lock out road to  Proje  p and tubing calips	ected Operations  Approvals  Print I	30 ff to hole in lith upcoming ra	oottom of crater		
3:30 4:30 5:00 6:00 6:00	extractors Signat	Wind subsided Check depth of Layout sandbe Secure site an  secure site an  efor wireline op across crater to  ure Gustomer F	of crater north of SS ags as per GeoTech d clear all personne d clear all personne erations - noise/ten d collect oil droplets	25 casing w/ plumb instructions. Prepel Lock out road to  Proje  p and tubing calips	ected Operations  Approvals  Print I	Name	oottom of crater		Date
3:30 4:30 5:00 6:00	Signat Signat Signature	Wind subsided Check depth of Layout sandba Secure site and Secure site site site site site site site sit	of crater north of SS ags as per GeoTech d clear all personner derations - noise/ten o collect oil droplets Representative	25 casing w/ plumb instructions. Prep el Lock out road to Proje p and tubing calipe	are slope for run off woods SS 25 location.  SS 25 location.  Approvals  Print I  Jim La	Name Oozier Vame Grone	pottom of crater.		Date
3:30 4:30 5:00 6:00	Signat Signature	Wind subsided Check depth of Layout sandba Secure site ar  sec	of crater north of SS ags as per GeoTech d clear all personne derations - noise/ten o collect oil droplets Representative	25 casing w/ plumb instructions. Prepal Lock out road to Project pand tubing calipe	are slope for run off woods SS 25 location.  SS 25 location.  Approvals  Print I  Jim La	Name  Name  Cozier  Same  Grone	oottom of crater. iin.  Hours on I	Location	Date  Travel Hours
9:30 4:30 15:00 16:00 ear and all mist	Signature	Wind subsided Check depth of Layout sandba Secure site ar  se for wireline op across crater to ure Customer f  Boots and Coo	of crater north of SS ags as per GeoTech d clear all personne derations - noise/ten o collect oil droplets Representative	25 casing w/ plumb instructions. Prepel Lock out road to  Proje np and tubing calipe  Travel Hours 0,5	are slope for run off woods SS 25 location.  SS 25 location.  Approvals  Print I  Jim La	Name Oozier Name Grone Simployee Name Jim LaGrone	Hours on L	Location	Date Travel Hours 0.5
13:30 14:30 15:00 16:00 16:00	Signature Signature Signature Employee Natichard Hattet Travis Marte	Wind subsided Check depth of Layout sandba Secure site an  sec	of crater north of SS ags as per GeoTech d clear all personne derations - noise/ten o collect oil droplets Representative dours on Location 10 10	25 casing w/ plumb instructions. Prepel Lock out road to  Proje np and tubing calipe  Travel Hours  0,5  0,5	are slope for run off woods SS 25 location.  SS 25 location.  Approvals  Print I  Jim La	Name  Name  Cozier  Same  Grone	oottom of crater. iin.  Hours on I	Location	Date  Travel Hours
13:30 14:30 15:00 16:00 ear and all mist	Signature	Wind subsided Check depth of Layout sandba Secure site an  sec	of crater north of SS ags as per GeoTech d clear all personne derations - noise/ten o collect oil droplets Representative	25 casing w/ plumb instructions. Prepel Lock out road to  Proje np and tubing calipe  Travel Hours 0,5	are slope for run off woods SS 25 location.  SS 25 location.  Approvals  Print I  Jim La	Name Oozier Name Grone Simployee Name Jim LaGrone	Hours on L	Location	Date Travel Hours 0.5

7047 W. Greens Rd.



931-8884	77066				WHON SERVER			
		Data	1-Jan-2016		Well Name a	and Number	Porter#39A	Report # 18
	Cueton		Southern California Ga	as Company	vven warne a	County:	Los Ange	
Sec. 7.3	TV	5 1 1	12801 Tampa Ave., S			Region:	Californi	
Custon	ner Billing	Address:	Northridge, CA 91326			Country:	USA	
	Purcha	se Order#	(3-10-10-10-10-10-10-10-10-10-10-10-10-10-		W	ell Location:	Alsio Canyon Stor	age Facility
Custor	mer Repre	sentative:	Todd Van de Putte, M	ike Dozier		Well Type:	Relief W	ell
Re	eport Gen	erated By:	John Hatteberg			Job Type:	Relief W	ell
	Leas	e - Well #:	Porter 39A			Rīg No:	Ensign 5	87
		f Charges:	Level		ments	Units	Unit Charge	Total
	ell Control		3		latteberg	1		
	ell Control		3		Courville	1		
	ell Control		2		aghshenas	0		
Ge		Expenses			/WC	2		
	Hote				IWC	2		
	Rental Rental				JH VC	1		
	Kental	Cal	-	V	yG.			
				Ectin	nated Daily Total	-		
					Well Summary			
					ven Summary			
Hour	Hour	1			Activity	on Site		
1:00	17:30			at 0730 hrs. Depar		for hotel at 1500 hr	s. Held forward operation	s discussion from 100
17:30	17:30 18:30 0:00	Pulled out made up s from 4,600 directional	of operations meeting of the operations of the operations of the operation	at 0730 hrs, Depart I securing actions of the securing actions of the securing the securing the securing the securing the	ted P#39A location while drilling below stands), picked up a om of drill pipe. Ra th wireline and laid	for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub	s. Held forward operation	wireline into drill pipe a erformed ranging run eceived relief well #2
17:30	18:30	Pulled out made up s from 4,600 directional	of operations meeting of the operations of the operation	at 0730 hrs, Depart I securing actions of the securing actions of the securing the securing the securing the securing the	ted P#39A location while drilling below stands), picked up a om of drill pipe. Ra th wireline and laid	for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2
17:30	18:30	Pulled out made up s from 4,600 directional	of operations meeting of the operations of the operation	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ted P#39A location while drilling below stands), picked up is om of drill pipe. Ra th wireline and laid ated formations and	for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2
17:30	18:30	Pulled out made up s from 4,600 directional	of operations meeting of the operations of the operation	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ted P#39A location while drilling below stands), picked up a om of drill pipe. Ra th wireline and laid	for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2
17:30	18:30	Pulled out made up s from 4,600 directional	of operations meeting of the operations of the operation	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ted P#39A location while drilling below stands), picked up is om of drill pipe. Ra th wireline and laid ated formations and	for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2
17:30	0;00	hrs to 110 Circulated Pulled out made up s from 4,600 directional Compass	of operations meeting of the operations of the operation	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ected Operations  Approvals	for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2
17:30	0;00	hrs to 110 Circulated Pulled out made up s from 4,600 directional Compass	rd operations meeting of hrs in regards to well 3 high viscosity sweep of hole from 4,600° Miside entry sub. Ran rail of MD to 4252° MD. Puplan and checked it a database from 1900 high	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ected Operations  Approvals  Approvals  Privation Articles  Approvals  Privations and Articles  Approvals	for hotel at 1500 hithe 7" liner decision anging tools for RR in in hole slowly with down side entry sub if depths for SoCalG	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the
17:30	18:30 0:00 Signature	hrs to 110 Circulated Pulled out made up s from 4,60 directional Compass	d operations meeting 0 hrs in regards to well 3 high viscosity sweep of hole from 4,600° MI side entry sub. Ran rail MD to 4252° MD. Puplan and checked it a database from 1900 high meeting the second secon	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ected Operations  Approvals  Approvals  Todd \( \)	n for hotel at 1500 hi the 7" liner decision ranging tools for RR in in hole slowly with down side entry sub if depths for SoCalG	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the Date
17:30	18:30 0:00 Signature	hrs to 110 Circulated Pulled out made up s from 4,60 directional Compass	rd operations meeting of hrs in regards to well 3 high viscosity sweep of hole from 4,600° Miside entry sub. Ran rail of MD to 4252° MD. Puplan and checked it a database from 1900 high	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ected Operations  Approvals  Approvals  Pri	n for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub d depths for SoCalG	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the Date
17:30 18:30 Sig	18:30 0:00 Signature	hrs to 110 Circulated Pulled out made up s from 4,600 directional Compass	rd operations meeting to the operation of the operation of hole from 4,600° MI side entry sub. Ran ran of the operation of hole from 4,600° MD. Pure plan and checked it a database from 1900 his operation.	at 0730 hrs. Depart securing actions vos. D to 4,252' MD (4 singing tools to botto lilled out of hole with inti-collision, correlars to 2100 hrs.  Proj	ected Operations  Approvals  Approvals  Pri	n for hotel at 1500 hi the 7" liner decision ranging tools for RR in hole slowly with down side entry sub if depths for SoCalG int Name /an de Putte ht Name Hatteberg	#6 (results attached), ran drill pipe to 4,600 MD. Prand ranging tools. B&C rasco geologist and entered	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the Date Date 1-Dec-16
17:30 18:30 Sig	18:30 0:00 Signature	hrs to 110 Circulated Pulled out made up s from 4,600 directional Compass	d operations meeting of hrs in regards to well a high viscosity sweep of hole from 4,600° MI side entry sub. Ran ran of MD to 4252° MD. Pure plan and checked it a database from 1900 high meeting the second	at 0730 hrs. Depart securing actions vos.  D to 4,252' MD (4 singing tools to botto alled out of hole with inti-collision, correlates to 2100 hrs.	ected Operations  Approvals  Approvals  Pri	n for hotel at 1500 hi the 7" liner decision ranging tools for RR n in hole slowly with down side entry sub d depths for SoCalG	#6 (results attached), rank drill pipe to 4,600 MD. Po and ranging tools. B&C n	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the Date
17:30 18:30 Sig	18:30 0:00 Signature nature Bo	hrs to 110 Circulated Pulled out made up s from 4,600 directional Compass	d operations meeting 0 hrs in regards to well 3 high viscosity sweep of hole from 4,600' MI side entry sub. Ran ran 2' MD to 4252' MD. Puplan and checked it a database from 1900 high region of the control of the cont	at 0730 hrs. Depart securing actions vos. D to 4,252' MD (4 singing tools to botto lilled out of hole with inti-collision, correlars to 2100 hrs.  Proj	ected Operations  Approvals  Approvals  Pri	n for hotel at 1500 hi the 7" liner decision ranging tools for RR in hole slowly with down side entry sub if depths for SoCalG int Name /an de Putte ht Name Hatteberg	#6 (results attached), ran drill pipe to 4,600 MD. Prand ranging tools. B&C rasco geologist and entered	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the Date Date 1-Dec-16
17:30 18:30 Sig	18:30 0:00 Signature	hrs to 110 Circulated Pulled out made up s from 4,600 directional Compass	d operations meeting of hrs in regards to well a high viscosity sweep of hole from 4,600° MI side entry sub. Ran ran of MD to 4252° MD. Pure plan and checked it a database from 1900 high meeting the second	at 0730 hrs. Depart securing actions vos. D to 4,252' MD (4 singing tools to botto lilled out of hole with inti-collision, correlars to 2100 hrs.  Proj	ected Operations  Approvals  Approvals  Pri	n for hotel at 1500 hi the 7" liner decision ranging tools for RR in hole slowly with down side entry sub if depths for SoCalG int Name /an de Putte ht Name Hatteberg	#6 (results attached), ran drill pipe to 4,600 MD. Prand ranging tools. B&C rasco geologist and entered	wireline into drill pipe a erformed ranging run eceived relief well #2 ed the plan into the Date Date 1-Dec-16



					TO COUTS SERVICE			
		Date: 2-Jan			Well Name and	Number: Sta		eport#   7
	Custor	mer Name: South	ern California Gas	Company		County:	Los Angeles	3
Custor	mer Billing	g Address: North	Tampa Ave., SC 93 ridge, CA, 91326	328		State: Country:	California	
		AFE #:	nuge, CA, 91320		Well	Location:	Aliso Canyon Storag	ie Facility
Custo	mer Repre	esentative:				Well Type:	Gas	- tracenty
R		erated By: Jim L				Job Type:	Well Contro	
		se - Well #: Stand				Rig No:	N/A	
		n of Charges; ntrol Specialist	Level		nents	Units	Unit Charge	Total
		ol Specialist	4		Hatteberg Martel	1		
		pecialist	4		Baggett	1	-	
	r. Well Co	nrol Engineer	4	Jim La	Grone	1		
		nrol Engineer	4		Gomez	1 -		
		ntrol Specialist	4		Clayton	1		
S	r. Well Cor	trol Specialist	4	Bud	Curtis	1		
	General D	aily Expense	1 1			7		
		otel			A Property of the Park	7		
		pment		Junk Shot N	fanifold Stby	1		
	Rent	al Cars				3		
					ated Daily Total			
		(f			ell Summary			
			surface with several			IOA Deales James	6 4C0 B	
		uit. / casing to 8	,500 II. 5-1/2" Slotte	ed liner to 8,745 ft	2-7/8" tubing to 8,5	many and the property and the property of the party of th	0,400 IL.	
Hour	Hour	Dang & U. L.			Activity on S	ite		
5:30 6:30		Depart Hotel Attend Operation	Mta					
7:30				nd LEL's. Wind b	olowing strong out of t	he north		
		Continue to lay s	and bags as per pla	in to divert the co	ming rain/runoff and k	eep out of the crate	er.	
		Reposition track	noe and begin instal	lling fiber tube/bar	rriers to prevent deter	oration of slope no	rth of location.	
			th = 25.58 ft deep o					
9:30 11:30		Double layer san	d bags on north en	d of pad. Wind is	not favorable for crar	e work.		
14:00			be shifting east to v	vast				
14.00					nged back to the nort	h		
15:30		Wait on favorable	e wind w/o any shift	. Still blowing out	of the north.			
	-				with favorable weath	er for tomorrow.		
			re supposed to beg	in tomorrow after	noon.			
		Secure site and	clear all personnel.					
	-							
_		-						
		<b>*</b>						
	7							
		1						
					ted Operations			
			ations - noise/temp	and tubing caliper				
ali mist	extractors	across crater to c	onect of droplets.		Approvele			
	Signati	ure Customer Re	presentative	-	Approvals Print N	ame		Date
	Jigilati	Lougioniei Ne	Procentiants	-	Finith			2005
					Mike D	ozier		
					270			
S	ignature l	Boots and Coots	Representative		Print N	lame		Date
					Jim Lac	Grone		
					Jill Edy	. 700		
É	mployee Na	me Hou	rs on Location	Travel Hours	1 E	mployee Name	Hours on Location	Travel Hours
	chard Hatteb		10	0.5		Jim LaGrone	10	0.5
	Travis Marte		10	0.5		Rolly Gornez	10	0,5
	Name and Address of the Owner,	30	10	0.5	6			
- 1	Danny Clayto				1			
	Bud Curtis Mike Bagge		10	0.5				

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-3884 Boston & Co Date: 2-Jan-2016 Well Name and Number: Porter#39A Report # 19 Customer Name: Southern California Gas Company County: Los Angeles California 12801 Tampa Ave., SC 9328 Region: Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC Hotel Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Activity on Site Hour Hour 0:00 1:00 Rigged down Hallibuerton E-Line equipment. 1:00 Ran in hole from 4,252' MD to 4,600' MD. 1:30 Directionally drilled 8-1/2" hole from 4,600' MD to 4,862' MD. Slid 10%, rotated 90%. B&C imported RR #6 into compass and generated directional plots from 0230 hrs to 0330 hrs. Experienced rig generator issues. Gas feed to rig generators cut with oil. Traveled to location 14:30 1:30 Pumped 40 bbls high viscosity sweep, pulled out of hole from 4,862' MD to the shoe (3,680' MD). Departed location at 1530 hrs. 16:00 14:30 Drained oil from rig's gas scrubbers and generator gas supply lines. Mechnanics started flushing and cleaning all injector lines and fuel 16:00 20:30 regulators. Decision made to source and set up two diesel type generators. 20:30 0:00 Pulled out of hole, on backup diesel generators, from shoe (3,680' MD). Laid down directional BHA. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 2-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 9 Wayne Courville 10 9 Arash Total Man-hours for Noted Date:



	Dat	te: 3-Jan-2016		Well Name	and Number: St	andard Sesnon 25 R	eport#
		e: Southern California	Gas Company	3.40.30	County:	Los Angeles	
Guston	ner Billing Addres	12801 Tampa Ave.,			State:	California	
ouston		Mortinage, CA, 9	326		Country:	USA	
	AFE	15.5		W	lell Location:	Aliso Canyon Storag	e Facility
	ner Representative port Generated B				Well Type: Job Type:	Gas Well Contro	1
Ke		#: Standard Sesnon 2	5		Rig No:	N/A	
De	escription of Char			omments	Units	Unit Charge	Total
	Well Control Spec			rd Hatteberg	1	atticollarge	lotal
Well Control Specialist 4		1000000	vis Martel	1			
HSE Specialist 4			te Baggett	-1			
	r. Well Conrol Engir			LaGrone	1		
	r. Well Conrol Engir			lly Gomez	1		
	Well Control Spec			ny Clayton ud Curtis	1		
	. Well collino opec	idilot 4	-	nd Outro			
- 0	General Daily Expe	nse 1			7		
	Hotel			The First Land	7		
	Equipment		Junk Sho	ot Manifold Stby	1		
	Rental Cars				3		
				imated Daily Total			
				Well Summary			
		ached to surface with s					
		asing to 8,585 ft. 5-1/2	slotted liner to 8,74	Control of the second s	A CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PARTY OF	th 8,468 ft.	
Hour	Hour			Activity or	1 Site		
5:30	Depart						
6:30 7:00		Operation Mtg	to accomment with	DOCCD IAE-J :-	light from ME	ble for green an audious	
7:00	Dispate	b crane to location and	spot same. Trouble	w/safety.shut.down	switches on 110 ton	ble for crane operations. crane. Rig down and mov	e out
9:00	Move in	and spot 40 ton crane	Moved 60 x 6 ft m	ist tray across EAST s	side of crater next to	well bridge	e out
7,100		ed mist tray to ground			387 27 4130-1 (5400-2		
10:00	Site visi	its by Geosyntch (soils	regarding sand bag	placement in prepara			
10:30		track-hoe to south sid	e of location and pre	pare west side of well	/bridge for 100 x 6 ft	mist tray.	
11:00	Lunch			V V	FACILITY	AC032	
12:00 14:00		for heat shield on SS2 Cal reps to location fo		er wells on pad) with A	NECOM Structual eng	neer	
16:00		d site and removed all					
	100						
			Dec	niected Operations			
			Pro	ojected Operations			
tall mist e	extractors across o	rater to collect oil drop		ojectéd Operations			
tall mist e	extractors across o	rater to collect oil dropl					
tall mist s				Approvals	nt Name		Date
iall mist e		rater to collect oil dropl omer Representative		Approvals Prin	ıt Name		Date
iall mist e				Approvals Prin	it Name		Date
	Signature Custo	omer Representative	ets.	Approvals Prin	e Dozier		
	Signature Custo		ets.	Approvals Prin			Date Date
	Signature Custo	omer Representative	ets.	Approvals Prin Mike	e Dozier at Name		
	Signature Custo	omer Representative	ets.	Approvals Prin Mike	e Dozier		
Si	Signature Custo	omer Representative	ets.	Approvals Prin Mike	e Dozier at Name	Hours on Location	
Si	Signature Custo	omer Representative  Id Coots Representat  Hours on Location	ive Travel Hours 0,5	Approvals Prin Mike	e Dozier  It Name  LaGrone  Employee Name  Jim LaGrone	10	Date Travel Hour: 0.5
Si En Rice	Signature Custo ignature Boots an inployee Name chard Hatteberg Travis Martel	omer Representative  Id Coots Representat  Hours on Location 10 10	Travel Hours	Approvals Prin Mike	e Dozier at Name LaGrone Employee Name	Togote je zagot jao je	Date Travel Hour
Si En Ric	Signature Custonignature Boots and mployee Name chard Hatteberg Travis Martel Danny Clayton	omer Representative  Id Coots Representat  Hours on Location 10 10 10	Travel Hours 0.5 0.5	Approvals Prin Mike	e Dozier  It Name  LaGrone  Employee Name  Jim LaGrone	10	Date Travel Hour: 0.5
Si En Ric	Signature Custo ignature Boots an inployee Name chard Hatteberg Travis Martel	omer Representative  Id Coots Representat  Hours on Location 10 10	Travel Hours	Approvals Prin Mike	e Dozier  It Name  LaGrone  Employee Name  Jim LaGrone	10	Date.  Travel H 0.5



				1	S & COOTS SERVICE				
	D	ate: 4-Jan-201	6		Well Name ar	nd Number: St	andard Sesnon 25	Report # 72	
	Customer Na	me: Southern	California Gas	Company		County:	Los Angele		
Custom	er Billing Addre	12801 Tar	npa Ave., SC e, CA, 91326	9328	4	State:	California USA		
2 1 10 1	ΔF	E#:	, CA, 91326		We	Country:	Aliso Canyon Storag	ne Facility	
Custom	ner Representat				- 110	Well Type:	Gas	goridonity	
	port Generated	By: Jim LaGro	ne		Job Type:			Well Control N/A	
		II #: Standard	Sesnon 25		Rig No:				
	scription of Ch		Level	Comm		Units	Unit Charge	Total	
	Well Control Spec		4	Richard F Travis		1			
V	HSE Specialis		4	Mike B		1			
Sr.	. Well Conrol Eng		4	Jim La		1			
	. Well Conrol Eng		4	Rolly		1			
					Clayton				
Sr.	Well Control Spe	ecialist	4	Bud (	Jurtis				
G	Seneral Daily Exp	ense	1			7			
	Hotel	01100	-			7			
	Equipment			Junk Shot M	anifold Stby	1			
	Rental Cars					3			
				Estima	ted Daily Total		7		
	851			12	7				
Nard Si	ing to 990 ff 7"	casing to 8 Fee	of 5.1/2" ele	al fissures on pad s	te. 2-7/8" tubing to 8,	510# Packet dent	h 8 468 ft		
lour	11	againg to 0,000	, n. J-1/2 510	100,740 II	Activity on		II O'LOO III		
:30	Denar	t Hotel			Activity on	911.3			
:00			ate to strong	winds out of the nor	th				
	New c	collection trays	"began" collec	ting oil					
1	Inspec	ction of crater (	Socal and DO	GGR) shows no gre	owth and trays are c	ollecting some oil.			
			S25 is 959 ps	i, reservoir is being	pulled down				
1:45	LUNC		out romaning	Hallburton pump iro	sin .				
4:30		reps taken to		ranouron pump in	,,,				
5:30		e site and clea							
				Projec	ted Operations				
				Projec	ted Operations				
II mist e	extractors across	crater to collec	it oil droplets,						
II mist e					Approvals			Date	
II mist e	extractors across				Approvals	Name		Date	
II mist e					Approvals Print	Name Dozier		Date.	
	Signature Cus	stomer Repres	entative		Approvals Print Mike	Dozier			
		stomer Repres	entative		Approvals Print	Dozier		Date.	
	Signature Cus	stomer Repres	entative		Approvals Print Mike	Dozier Name			
	Signature Cus	stomer Repres	entative		Approvals Print Mike	Dozier		Date	
Siç	Signature Cus	stomer Repres	entative	Travel Hours	Approvals Print Mike Print Jim La	Dozier Name	Hours on Location	Date Travel Hours	
Siç Em Rich	Signature Cus gnature Boots a sployee Name hard Hatteberg	and Coots Rep	resentative	Travel Hours	Approvals Print Mike Print Jim La	Dozier  Name  Grone  Employee Name  Jim LaGrone	10	Date Travel Hours 0.5	
Sig Em Rich	Signature Cus gnature Boots a nployee Name hard Hatteberg Travis Martel	and Coots Rep	resentative	Travel Hours 0.5 0.5	Approvals Print Mike Print Jim La	Dozier Name IGrone Employee Name		Date Travel Hours	
Sig Em Rich T	Signature Cus gnature Boots a sployee Name hard Hatteberg	and Coots Rep	resentative	Travel Hours	Approvals Print Mike Print Jim La	Dozier  Name  Grone  Employee Name  Jim LaGrone	10	Date Travel Hours 0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Coots -Miliopero Date: 4-Jan-2016 Well Name and Number: Porter#39A Report # 21 **Customer Name:** Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte. Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Units Total Level Comments Unit Charge Well Control Engineer 3 John Hatteberg 3 Wayne Courville Well Control Engineer 1 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH 1 Rental Car WC 1 Estimated Daily Total Well Summary Hour Activity on Site Hour 0:00 3:30 Continued servicing generators #1 & #3. 3:30 4:00 Pulled out of hoke with kill string. 4:00 8:00 Made up directional BHA and surface tested MWD. Traveld from hotel to location at 0630 hrs. 8:00 10:00 Ran in hole to 4,862' MD. Directionally drilled from 4,862' MD to 5,156' MD. Slid 5% and rotated 95%. Departed location for hotel at 1700 hrs. 10:00 0:00 **Projected Operations** Plan to drill to ~5,400' MD and perform RR #8 through DP Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 4-Jan-16 **Employee Name** Travel Hours **Employee Name** Hours on Location Travel Hours Hours on Location 10.5 John Hatteberg Wayne Courville 10.5 115 Arash Total Man-hours for Noted Date:



		6-Jan-2016		Well Name a	and Number: S	tandard Sesnon 25	Report#   7	
C	ustomer Name:	Southern California G			County:	Los Angele	15	
Customer F	Billing Address:	12801 Tampa Ave., SC	9328		State:	California		
oustomer E		Northflage, CA, 9132	26		Country:	USA Aliso Canyon Storage Facility		
C	AFE#:			W	ell Location:			
	Representative: Generated By:				Well Type: Job Type:	Gas Well Contro		
		Standard Sesnon 25			Rig No:	N/A	0)	
	ption of Charge	Telegraphic American action control	Cor	mments	Units	Unit Charge	Total	
	Il Control Specia			d Hatteberg	1	onit onarge	iotal	
	Control Specialis			is Martel	1			
	SE Specialist	4	Mike	Baggett	1			
Sr. We	ell Conrol Engine	er 4		LaGrone	1			
Sr. Well Conrol Engineer				y Gomez	1			
	I Control Specia			n Moran	1			
	I Control Specia			d Curtis	1			
	Il Control Specia		Dann	y Clayton	1			
Gene	ral Daily Expens Hotel	e 1			1			
-	Equipment		Junk Shot	Manifold Stby	1			
	Rental Cars		Odin Orio	manine way	3			
			Fetir	mated Daily Total				
			LJUI	saily total				
andard Sensi	on 25 has broad	hed to surface with seve	eral fissures on nac	d site.				
		ng to 8,585 ft. 5-1/2" s			5,510 ft. Packer dep	th 8,468 ft.		
Hour		EX TABLE WELL	A RESIDENCE OF STATE	Activity on	A STATE OF THE PARTY OF THE PAR	an attended the		
5:30	Depart Ho	otel - Arrive to site 3		, , and , on	145			
6:30	Morning C							
7:00			and LEL Levels.	Tubing pressure gau	ge @ R bunker was	908 psig. (Pore Pressure	e = 1070 psi, 2.4	
	Slight win	d out of the east. Inspe	ect crater. A section	n of crater wall on eas	st side has sloughed	off.		
	A volume	of sub-surface dirt 10 fe	eet below ground le	evel sloughed into the		y 10 x 15 ft or 3 cubic yrd		
		opening at ground leve						
		in tube on east side of p		ance rain runoff				
6.00		NOX line closer proximi						
9:30	Heavy rai	n sets in. Vacuum truck	s are skimming wa	ater and oil residue fro	om sumps below loo	ation		
12:00	Site close	d to all unnecessary tra	mc. Water and rai	n monitoring ongoing	•			
12:45	W/O weat	her						
15:30			GGR representativ	e Wind shifting out	of SW Crater appea	ars to be holding up to rai	n runoff	
15.66		ount of fluid in crater +/-		o. will brilling out	or over control appor	no to be flording up to to	il rotion.	
15:45	Secure sit	e and clear all personn	el					
	-							
	-							
			Proj	ected Operations				
	ctors across cral	ter to collect oil droplets						
tall mist extra				Approvals				
	gnature Custon	ner Representative		Prin	t Name		Date	
				Miko	Dozier			
				Wilke	COLIO			
		Conta Donracontativa		Prin	t Name	- H	Date	
Si	ture Boots and	Goots Representative			17.47			
Si	ture Boots and	Coots Representative			aGrone			
Sī	ture Boots and	Goots Representative		-Jim L				
Signal			Traval Haven	-dim L		House on Leading I	Tenual Users	
Signal Signal Employ	ee Name	Hours on Location	Travel Hours	Jim L	Employee Name	Hours on Location	Travel Hours	
Signal Signal Employ Richard	ee Name Hatteberg	Hours on Location	6.5	- Jim L	Employee Name Jim LaGrone	9	0.5	
Signat Signat Employ Richard	ee Name Hatteberg Martel	Hours on Location 9 9	0.5 0.5	- Jim L	Employee Name	100000000000000000000000000000000000000		
Signat  Signat  Employ Richard I  Travis Danny	ee Name Hatteberg	Hours on Location	6.5	Jim L	Employee Name Jim LaGrone	9	0.5	
Signat  Signat  Employ  Richard I  Travis  Danny  Bud	ee Name Hatteberg : Martel Clayton	Hours on Location 9 9 9	0.5 0.5 0.5	Jim L	Employee Name Jim LaGrone	9	0.5	



				1	THE COURS SERVICES					
		Date: 5-Jan-2			Well Name a	nd Number:		Report# 73		
	Custor	mer Name: Souther	n California Gas	Company		County:	Los Angel			
Custo	mer Billing	g Address: Northric	ampa Ave., SC 9 ge, CA, 91326	9328		State: Country:	California USA	1		
		AFE #:	ge, un, 21320		We	Il Location:	Aliso Canyon Stora	ge Facility		
		esentative:				Well Type:	Gas			
R		erated By: Jim LaG			Job Type: Well Contr			rol		
		se - Well #: Standar				Rig No:	N/A			
		n of Charges: ntrol Specialist	Level	2000	ments	Units	Unit Charge	Total		
		rol Specialist	4		Hatteberg Martel	1				
		Specialist	4		Baggett	1				
5		nrol Engineer	4		aGrone	1				
		nrol Engineer	4		Gomez	1				
		ntrol Specialist	4		Clayton	1				
		ntrol Specialist	4		Curtis Moran	1				
		aily Expense	11	Juan	Wician	7				
		lotel				7				
		ipment		Junk Shot N	Manifold Stby	.1				
	Rent	al Cars				3				
				Estim	ated Daily Total					
					-					
		has broached to su			site. ft. 2-7/8" tubing to 8,	510 B Darbard	nth 9 460 A			
	ising to 99	o it. / casing to 8,5	00 II. 0-1/2" Slot	ued liner to 8,745 t	Allegan Constructed States To Charles	Charles and the second	ptri 0,400 ft.			
lour 5:30		Depart Hotel - Arriv	to to site 3		Activity on	Site				
:30		Morning Ops Mtg	e to site 3							
:00:			e. Check wind a	nd LEL levels. Wi	nd from the south. H	leavy rain and thic	k fog. Visibility is minima	1.		
		Vacuum trucks are	simming water a	and oil residue from	m sumps below locat					
2:00			Water and rain monitoring ongoing.  Take SoCal & DOGGR representatives to site.							
	-			ives to site.	20					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45			not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	ite pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	ite pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	site pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	ite pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	ite pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	ite pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	ite pad					
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s						
3:45		Heavy rainfall has	not caused deter	ives to site. rioration of SS25 s	cted Operations					
	extractors	Heavy rainfall has Secure site, all per	net caused deter	ives to site. rioration of SS25 s						
	extractors	Heavy rainfall has	net caused deter	ives to site. rioration of SS25 s on Proje						
		Heavy rainfall has Secure site, all per	net caused deter sonnel off location	ives to site. rioration of SS25 s on Proje	cted Operations	Name		Date		
		Heavy rainfall has Secure site, all per	net caused deter sonnel off location	ives to site. rioration of SS25 s on Proje	cted Operations Approvals Print			Date		
		Heavy rainfall has Secure site, all per	net caused deter sonnel off location	ives to site. rioration of SS25 s on Proje	cted Operations Approvals Print	Name Dozier		Date		
df mist	Signat	Heavy rainfall has Secure site, all per secure site, all per	net caused deter sonnel off location for location ect oil droplets.	ives to site. rioration of SS25 s on Proje	cted Operations Approvals Print Mike	Dozier				
df mist	Signat	Heavy rainfall has Secure site, all per	net caused deter sonnel off location for location ect oil droplets.	ives to site. rioration of SS25 s on Proje	cted Operations Approvals Print Mike			Date		
II mist	Signat	Heavy rainfall has Secure site, all per secure site, all per	net caused deter sonnel off location for location ect oil droplets.	ives to site. rioration of SS25 s on Proje	cted Operations  Approvals  Print  Mike	Dozier				
III mist	Signati Signature	Heavy rainfall has Secure site, all per Secure site, all per sacross crater to coll ure Customer Repr	not caused deter sonnel off location ect oil droplets. esentative	ives to site. rioration of SS25 son  Project	cted Operations  Approvals  Print  Mike  Print	Dozier Name aGrone		Date		
III mist	Signati Signature I	Heavy rainfall has Secure site, all per Secure site, all per sacross crater to coll ure Customer Reproperties and Coots Reproper	not caused detersonnel off location ect oil droplets. esentative epresentative	ives to site. rioration of SS25 son  Project	cted Operations  Approvals  Print  Mike  Print	Dozier Name aGrone Employee Name	Hours on Location	Date Travel Hours		
till mist	Signature I	Heavy rainfall has Secure site, all per Secure site, all per sacross crater to collure Customer Representations and Coots	ect oil droplets.  esentative  on Location	rioration of SS25 son  Project  Travel Hours 0.5	cted Operations  Approvals  Print  Mike  Print	Name aGrone Employee Name Jim LaGrone	9	Date  Travel Hours 0.5		
s E E Ri	Signature I Signature I Employee Na Ichard Hattet Travis Marte	Heavy rainfall has Secure site, all per Secure site, all per sacross crater to coll ure Customer Representations and Goots	ect oil droplets.  esentative  on Location 9 9	Projection of SS25 son	cted Operations  Approvals  Print  Mike  Print	Dozier Name aGrone Employee Name		Date Travel Hours		
III mist	Signature I	Heavy rainfall has Secure site, all per Secure site, all per sacross crater to coll ure Customer Reproduce Boots and Goots Reproduced to the Hours pergonal security and the Hours pergonal se	ect oil droplets.  esentative  on Location	rioration of SS25 son  Project  Travel Hours 0.5	cted Operations  Approvals  Print  Mike  Print	Name aGrone Employee Name Jim LaGrone	9	Date Travel Hours 0.5		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Bouss & Coots MALLISON TON ABBITCH Date: 6-Jan-2016 Well Name and Number: Porter#39A Report # 23 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Country: Northridge, CA 91326 USA Purchase Order# Well Location: Alsio Canyon Storage Facility Relief Well Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Units **Unit Charge** Level Comments Well Control Engineer 3 John Hatteberg 3 Wayne Courville Well Control Engineer Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH/WC Rental Car JH WC Rental Car 1 Estimated Daily Total Well Summary Hour Activity on Site Hour Continued Ranging Run #8. Pulled out of hole with wireline, laid down side entry sub and ranging tools. Ran in hole from 4,918' MD to 0:00 3:30 5,488' MD. 3:30 0:00 Directionally drilled 8-1/2" hole from 5,488' MD to 5,910' MD. Slid 5% and rotated 95%. **Projected Operations** Drilling to 6,000' MD for RR #9 Approvals Print Name Signature Customer Representative Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 6-Jan-16 Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours **Employee Name** John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	Date	7-Jan-2016		Well Name	and Number:	Standard Sesnon 25	Report#					
C		Southern California G	as Company	Then reside	County:	Los An						
Customer	Billing Address:	12801 Tampa Ave., SC			State:	Califo	rnia					
oustonie i		Northridge, CA, 9132	6		Country:	US						
	AFE #:			V	lell Location:	Aliso Canyon St						
	Representative:				Well Type:	Ga Well Co						
Repor	t Generated By:	Standard Sesnon 25		+	Job Type: Rig No:	Well G	V-123-27					
Docer	iption of Charge	CALL CONTRACTOR AND ADDRESS OF TAXABLE	Con	nments	Units	Unit Charge	Total					
Sr. We	ell Control Specia	list 4		Hatteberg	1	Unit Charge	Iotal					
Well Control Specialist 4			is Martel	1								
	HSE Specialist	4	Mike	Baggett	1							
Sr. Well Conrol Engineer 4			LaGrone	1								
	ell Conrol Engine			/ Gomez	1							
	ell Control Special			n Moran d Curtis	1							
Sr. vye	eli Control Special	list 4	Buc	Cums								
Gene	eral Daily Expens	e 1			7							
00110	Hotel				7							
	Equipment		Junk Shot	Manifold Stby	31							
	Rental Cars				3							
			Estin	nated Daily Total								
		ned to surface with seve										
-3/4" casing	to 990 ft. 7" casi	ng to 8,585 ft. 5-1/2" sl	otted liner to 8,745	manufactured to the second sec		epth 8,468 ft.						
Hour				Activity of	n Site							
5:30		itel - Arrive to site 3										
6:30	Attend Da	ily Operations meeting										
7:00	Arrive on	SS25 site and check wi	nd and LEL. Slight	t wind out of the wes	st. SITP=884 psig	13.1						
		ater, observe two very s	small areas (3' x 3')	that sloughed on or	one of northwest	, which were approx 10'	below lip					
			asst side of locati	on by lowering culte	et to desinteums e	vatam						
					Improved drainage into culvert on east side of location by lowering culvert to drain/sump system							
8:00	Move in 7	Move in 70T crane and spot on SE side of pad. Remove pressure line monitor from wellhead. Move in collection pad "Tray 2" and sp east side of "Tray 1". Compeltely cover east side of crater on east side w/ mist trays. Reconnect tubing pressure lines										
8:00												
8:00	east side	of "Tray 1". Compeltely	cover east side of	crater on east side	w/ mist trays. Rec	onnect tubing pressure						
8,45	east side at 881 psi Crane hav	of "Tray 1". Compeltely . Clean up on west side ving trouble w/ solenoid	cover east side of e of "bridge" for we . W/O mechanic	crater on east side	w/ mist trays. Rec	onnect tubing pressure						
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Bosta & Conta Date: 7-Jan-2016 Well Name and Number: Porter #39A Report # Southern California Gas Company **Customer Name:** County Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville Arash Haghshenas 2 0 Well Control Engineer General Daily Expenses JH/WC 2 JH/WC Hotel 2 Rental Car JH WC Rental Car Estimated Daily Total Well Summary Hour Hour Activity on Site 4:00 Continued directionally drilling from 5,910' MD to 6,000' MD. Slid 5% and rotated 95%. Pumped 40 bbl high vis sweep, 0:00 Performed flow check, no flow. Pulled out of hole from 6,000' MD to 5,488' MD (6 Stands). Installed ranging tools in drill pipe and made up side entry sub. Ran in hole slowly with ranging tools from 5,488' MD to 6,000' MD. Performed ranging run #9 (results attached). Pulled out 4:00 12:00 of hole with wireline and laid down side entry sub and ranging tools. Pulled out of hole from 5,488' MD to 3,682' MD (the 9-5/8" casing shoe). 12:00 13:00 13:00 17:30 Worked on top drive 17:30 19:30 Ran in hole from 3,681' MD to 6,000' MD. Directionally drilled 8-1/2" from 6,000' MD to 6,085' MD. Slid 5% and rotated 95%. 19:30 0:00 **Projected Operations** Drilling to 6,600' MD for RR #10 Approvals **Print Name** Signature Customer Representative Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 7-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	Date: 8-Jan-20	016		Well Name	and Number: S	tandard Sesnon 25   F	Report#
C	ustomer Name: Southern		s Company	then thentee	County:	Los Angele	
	12801 Ta	ampa Ave., SC	9328		State:	California	
oustoine L	lyotting	ge, CA, 91326	3		Country:	USA	- 10
Customer I	AFE #: Representative:			W	ell Location: Well Type:	Aliso Canyon Stora	ge Facility
	t Generated By: Jim LaG	rone			Job Type:	Well Contro	ol
1270,272	Lease - Well #: Standard				Rig No:	N/A	
	iption of Charges:	Level		ments	Units	Unit Charge	Total
		17 V/St VY-L/St-V	Hatteberg	1			
		1.00	Martel	1			
	ISE Specialist	4		Baggett aGrone	1	_	
	ell Conrol Engineer	4		Gomez	1	-1	
	il Control Specialist	4		Moran	- 1	- 34	
Sr. We	Il Control Specialist	4	Bud	Curtis	- 1		
Core	ral Daily Expense	1			7		
Gene	Hotel	1			7		
	Equipment		Junk Shot N	Manifold Stby	1		
	Rental Cars				3		
			Estim	ated Daily Total			
	on 25 has broached to sur						
-	to 990 ft. 7" casing to 8,58	55 ft. 5-1/2" slo	otted liner to 8,745 i	ACCOUNT TO SECURE AND ASSESSED.	THE RESIDENCE OF THE PARTY OF T	tn 8,468 ft.	
Hour				Activity on	Site		
5:30 6:30	Depart Hotel - Arriv Attend Daily Operat						
7:30	Attend mtg w/ Regu						
8:00			and LEL. Wind mo	derate out of NNE.	SITP = 870 psi. Ins	pect crater and observe	
	that a section of the	concrete slab	on the south side of	of well is now hanging	ng down into the craft	ter held by the re-bar. Th	
	section was previou	usly undercut b	y flow from the 2" o	utlet on the 11" cas	ing (pointing south).	Slab is approximately 8	x 12 ft. The
		inace casing is	now hitting this se	ction of slab, possib	bly preventing further	erosion to the south side	2
	of the crater.	Was a familia					
IEI-DE	IDOCCO P C-IOCI						
1 100 100	DOGGR & CalOSH Cal State Govt. Res			S25 site			
10:15	Cal State Govt, Rep	presentatives a	t SS1 observing SS	825 site foluene, Ethylene, X	(ylene). SoCal set u	p w/ parallel monitors	
10:15 11:00	Cal State Govt. Rep CalOSHA set up air Lunch	presentatives a monitoring for	t SS1 observing SS BTEX (Benzene, T	foluene, Ethylene, X		p w/ parallel monitors	
10:15 11:00 12:00 13:00	Cal State Govt, Rep CalOSHA set up air Lunch Return to SS25 site	presentatives a monitoring for	t SS1 observing SS BTEX (Benzene, T	foluene, Ethylene, X		p w/ parallel monitors TP=820 psi. Tbg pressu	re began to rise
10:15 11:00 12:00 13:00 14:00	Cal State Govt, Rej CalOSHA set up air Lunch Return to SS25 site SITP=846	presentatives a r monitoring for w/ techs to ch	t SS1 observing SS BTEX (Benzene, T	foluene, Ethylene, X			re began to rise
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10:15 11:00 12:00 12:00 13:00 14:00 14:00 15:00 16:00 16:20  Signal  Employ Richard Travis Danny Bud	Cal State Govt, Rep CalOSHA set up air Lunch Return to SS25 site SITP=846 CalOSHA @ site SI CalOSHA and SoCi Take gas samples in Secure site and cle site of the s	presentatives as monitoring for a w/ techs to chest well-head the arrall personner arrall p	t SS1 observing SS BTEX (Benzene, Teck all ground wire) to collect air monitor SoCal Travel Hours 0.5 0.5	foluene, Ethylene, X s (make sure they a oring equpt  cted Operations  Approvals  Prin	t Name Dozier t Name aGrone Employee Name Jim LaGrone	Hours on Location	Date  Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Coots A SHILL STATE Date: 8-Jan-2016 Well Name and Number. Porter #39A Report # Southern California Gas Company Customer Name: County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Units Unit Charge Description of Charges: Level Comments Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 Arash Haghshenas Well Control Engineer 0 General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH WC Rental Car Estimated Daily Total Well Summary Hour Hour Activity on Site Continued drilling from 6,085' MD to 6,600' MD. Slid 5% and rotated 95%. Circulated and claned hole while reciprocating string. Pumped 0:00 0:00 three 40 bbls high viscosity sweeps. Traveled to location at 0630 hrs and left location at 17:00 hrs. **Projected Operations** Drilling to 6,600' MD for RR #10 Approvals Print Name Signature Customer Representative Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 8-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10,5 Wayne Courville 10.5 Arash 115 Total Man-hours for Noted Date:



					and a	A cooms services						
		Date:	9-Jan-2016			Well Name ar	nd Number:	Standard Se	esnon 25	Report #   7		
	Customer	Name:	Southern Calif	ornia Gas Cor	прапу		County:		Los Angele			
Custom	ner Billing Ad	dress:	12801 Tampa . Northridge, CA	Ave., SC 9328	3		State: Country:		California			
		AFE #:	North Inage, CA	1, 51320		We	Il Location:	Aliso	Canyon Storag	ge Facility		
	ner Represen						Gas	Gas				
Re	port General			- 66		Job Type: Well Control						
D.		-	Standard Sesr		Comp	-245	Rig No:	1 116	N/A	Total		
	escription of Well Control			evel 4	Comm Richard H		Units	Ur	it Charge	Total		
	Well Control S			4	Travis		1					
1	HSE Speci			4	Mike B		1					
Sr	r. Well Conrol r. Well Conrol	Enginee	er	4	Jim Lat		1					
	Weil Control			4	Rolly G Juan N		1 1	- 4				
	Well Control			4	Bud C	N 1 N N N N N N N N N N N N N N N N N N	1					
G	General Daily B	Expense	9	1			7					
	Hotel Equipme	nt			Junk Shot M	anifold Sthy	7					
	Rental Ca				Carin Otiot M	and our study	3					
					Estima	ted Daily Total	1					
andard S	Senson 25 has	broach	ed to surface v	with several fis	sures on pad s	te.	April 100					
	sing to 990 ft.	7" casir	ng to 8,585 ft.	5-1/2" slotted	iner to 8,745 ft.	2-7/8" tubing to 8,	CECUROLISTS STREET	depth 8,468 ft.				
Hour						Activity on	Site					
5:30 6:30			tel - Arrive to si ily Operations r									
7:00					nd El's Wind	is still to very slight	t breeze from F	SE		_		
1.50	SIT	TP=838	psi. Inspect or	rater for any cl	nange. Crater l	ooks the same. Ho	wever cement s	lab on south	end has moved	a few inches		
		ther nor										
9:00					of gas capture s							
10:00	Sta	TP=842	nsi slight hree	@ Site 1, upr	illi and north of	8825						
	101		par, angrit bree	ZE HOIH LOL		State Legislature officials @ Site 1, uphill and north of SS25 SITP=842 psi, slight breeze from ESE						
12:00		ch	lunch									
13:00	lun Co	ntinue r				ving operation ongo	ing at entry of S	SS25 (no issue	es)			
13:00 15:00	lun Co Lig	ntinue r ht mist	(fog) moving in	with visibility	deteriorating ra		ing at entry of S	SS25 (no issue	es)			
13:00 15:00	lun Co Lig	ntinue r ht mist		with visibility	deteriorating ra		ing at entry of S	S25 (nó issue	es)			
12:00 13:00 15:00 16:00	lun Co Lig	ntinue r ht mist	(fog) moving in	with visibility	deteriorating ra		ing at entry of S	SS25 (nó issue	es)			
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	Date: 10-	lan-2016		Well Name a	and Number:	Standard Sesnon 25   R	eport#
C	ustomer Name: Sou	thern California G			County:	Los Angeles	
Customer F	Billing Address: 128	01 Tampa Ave., So thridge, CA, 9132	9328		State:	California	
oustonie E		thridge, CA, 9132	26		Country:	USA	- Land
	AFE#:			W	ell Location:	Aliso Canyon Storage Facility Gas	
	Representative:	LaCina			Well Type:	Well Contro	
Report	Generated By: Jim Lease - Well #: Star				Job Type: Rig No:	N/A	0)
Doceri	iption of Charges:	Level	Com	ments	Units	Unit Charge	Total
Sr We	ell Control Specialist	4	2.21	Hatteberg	1	Unit Onlarge	IOIAI
	Control Specialist	4		s Martel	1		
	ISE Specialist	4		Baggett	1		
	ell Conrol Engineer	4		aGrone	1		
	ell Conrol Engineer	4		Gomez	1		
Sr. Well Control Specialist 4				Moran			
Sr. We	Il Control Specialist	4	Buc	Curtis	1		
C	ent Deily Evenence	4			7		
Gene	ral Daily Expense Hotel	1			7		
	Equipment		Junk Shot	Manifold Stby	1		
	Rental Cars		CSI III CI OL		3		
			Estin	nated Daily Total	1		
			2580				
andard Sens	on 25 has broached to	surface with sev	eral fissures on pad	site.			
-3/4" casing	to 990 ft. 7" casing to	8,585 ft. 5-1/2" s	lotted liner to 8,745	ft. 2-7/8" tubing to 8	3,510 ft. Packer de	epth 8,468 ft.	
Hour				Activity or	The state of the s		
5:30	Depart Hotel -	Arrive to site 3					
6:30	Attend Daily O	perations meeting					
6:45	Arrive on SS25	site and check w	nds and LEL's. Wil	nd very slight out of	ESE. Plume going	straight up.	
	No noticeable	change in crater e	cept more sludge a	at bottom.			
7:30	Attend Mtg with	regulators				Calculation 200	
8:00					came to site to plan	for big lift of Tray #3	
8:30			Paper (Socal, B&C.				
9:00		on SW side of bild	ige to accommodate	e Tray #3			
10:30	SITP=800 psi		1.000				
12:00		SITE-810 psi wii	nd shifting out of no	dh but light			
13:30			site for inspection	tut, bur ignir			
12.00		naintaining egpt of					
15:30	Attend meeting	w/ DOGGR and	SoCal to discuss co	ntingencies if Relief	1 & 2 fail		
	Site SS25 seci	ired of all personn	el and locked out				
17:00	Gas Capture R	isk Opinion docun	nment sent to Hous	ton for review and ap	pproval		
			777				
1							
-			Proje	ected Operations			
A DE LA SERVICE	ctors across crater to	collect oil droplets					
tali mist extra				Approvals			
	gnature Customer R	epresentative		Prin	t Name	74	Date
				N. STILL	Dozies		
				MIKE	e Dozier		
		s Representative		Prin	it Name		Date
Si	ture Boots and Cool						
Si	ture Boots and Cool			lim I	LaGrone		
Si	ture Boots and Cool			JIIII			
Si Signa				Janin			
Si Signa Employ	ree Name H	ours on Location	Travel Hours	Jim	Employee Name	Hours on Location	Travel Hours
Signa Signa Employ Richard	ree Name Hi Hatteberg	9	6.5	31111	Jim LaGrone	9	0.5
Signa Signa Employ Richard Travis	ree Name H Hatteberg s Martel	9	0.5 0.5	Jim			
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Signal Signal Employ Richard Travis Danny Bud	ree Name H Hatteberg s Martel	9	0.5 0.5	James	Jim LaGrone	9	0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Bonts & Conts Date: 9-Jan-2016 Well Name and Number: Porter #39A Report # Southern California Gas Company Customer Name: County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 Arash Haghshenas Well Control Engineer 0 General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH WC Rental Car Estimated Daily Total Well Summary Hour Hour Activity on Site 1:30 Pulled out of hole from 6.600' MD to 6,000' MD. No tight hole observed. Pumped one 40 bbls high viscosity sweep. 0:00 8:00 Checked for flow, no flow. Pulled out of hole with drill string. 1:30 Rigged up Halliburton E-Line truck. Ran in hole and performed open hole ranging run #10 (results attached) on bottom at 6,600' MD. Pulled 8:00 14:00 ranging tools back to surface. Rigged down Halliburton E-Line equipment. 0:00 Made up directional BHA and ran in hole to 6,058' MD by midnight. 14:00 **Projected Operations** Drilling to 7,200' MD for RR #11 Approvals **Print Name** Signature Customer Representative Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 9-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10,5 Wayne Courville 10.5 Arash 115 Total Man-hours for Noted Date:

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 9-Jan-2016 Well Name and Number: Porter #39A Report # 26 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Country: Northridge, CA 91326 USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Ensign 587 Rig No: Description of Charges: Units Total Comments Unit Charge Level Well Control Engineer John Hatteberg 3 Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses **JHWC** 2 Hotel JH/WC 2 Rental Car JH 1 Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued running in hole from 6,056' MD to 6,600' MD. 0:00 0:30 Directionally drilled 8-1/2" hole from 6,600' MD to 7,080' MD. Rotated 93% and slid 7%. 0:30 0:00 **Projected Operations** Drilling to 7.200' MD for RR #11 Approvals Print Name Signature Customer Representative Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 9-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10,5 Wayne Courville 10.5 Arash 115 Total Man-hours for Noted Date:



3/4" casing to 990 ft. 7" casing to 8,585 ft. 5-1/2" slotted liner to 8,745 ft. 2-7/6" tubing to 8,510 ft. Packer depth 8,468 ft.    Activity on Site		Date: 11-Jan-2			Well Name	and Number:	Standard Sesnon	25 Report	#   7
Methodispage   Meth	C	ustomer Name: Southern	California Gas	s Company					
Customer Representative:  Report Generated By; [int LaGrone	Customer E	Billing Address: 12801 Ta	ampa Ave., SC	9328			C		
Customer Representative:  Report Generated By: Jilin LaGrone Lease - Well ## (Sandard Sesnon 25   Well Control Lease - Well ## (Sandard Sesnon 25   Well Control Description of Charges:  S. Well Control Specialist 4   Richard Natioberg   1   Well Control Specialist 5   Well Control Specialist 4   Richard Natioberg   1   Well Control Specialist 5   Well Control Engineer   4   Well Miller LaGrene   1   Sr. Well Control Engineer   4   Richard Natioberg   1   Sr. Well Control Specialist   4   Sud Curtis   7   Hotel   7   Hotel   7   Well Control Specialist   4   Sud Curtis   7   Hotel   7   Hotel   7   Well Control Specialist   4   Sud Curtis   7   Hotel   7   Hotel   7   Well Control Specialist   4   Sud Curtis   7   Hotel   7   Well Control Specialist   4   Sud Curtis   7   Well Control Specialist   7   Well Control	A . T. 20. A . 20.	Notring	je, CA, 91320	)	- W		Aliso Canyo		ility
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Activity on Site   Signature Boots and Coots Representative   Print Name   Date						3,510 ft. Packer d	epth 8,468 ft.		
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Sim LaGrone   Hours on Location   Travel Hours   Employee Name   Hours on Location   Travel Hours   Richard Hatteberg   10   0,5   Jim LaGrone   10   0,5	11:30 12:30 3:00 4:45 5:45 16:00	Lunch Attend conference of Return to site. Prep Fill in low spot on no VIP's on site SS1, no SoCal and DOGGR Secure site and cleic Depart location  Note: RR1 (Porter in the secure site and cleic Depart location)	call w/ B&C Ho coare north end cortheast corner north and eleva ar representative ar all personne 39A ranged at	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SITI	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals	el to discuss CalC east side of bridge andbags still in pl	SHA document req	009	
Employee Name         Hours on Location         Travel Hours         Employee Name         Hours on Location         Travel Hours           Richard Hatteberg         10         0.5         Jim LaGrone         10         0.5           Travis Martel         10         0.5         Rolly Gomez         10         0.5           Danny Clayton         10         0.5         0.5         0.5           Bud Curis         10         0.5         0.5         0.5	11:30 12:30 13:00 14:45 15:45 16:00	Lunch Attend conference of Return to site. Prep Fill in low spot on him VIP's on site SS1, r SoCal and DOGGR Secure site and clear Depart location  Note: RR1 (Porter:	call w/ B&C Ho coare north end cortheast come representative ar all personne 39A ranged at ect oil droplets.	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SITI	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	el to discuss CalCeast side of bridge sandbags still in pl	SHA document req	Date	
Employee Name         Hours on Location         Travel Hours         Employee Name         Hours on Location         Travel Hours           Richard Hatteberg         10         0.5         Jim LaGrone         10         0.5           Travis Martel         10         0.5         Rolly Gomez         10         0.5           Danny Clayton         10         0.5         0.5         0.5           Bud Curis         10         0.5         0.5         0.5	11:30 12:30 13:00 14:45 15:45 16:00	Lunch Attend conference of Return to site. Prep Fill in low spot on him VIP's on site SS1, r SoCal and DOGGR Secure site and clear Depart location  Note: RR1 (Porter:	call w/ B&C Ho coare north end cortheast come representative ar all personne 39A ranged at ect oil droplets.	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SITI	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	el to discuss CalCeast side of bridge sandbags still in pl	SHA document req	Date	
Richard Hatteberg         10         0.5         Jim LaGrone         10         0.5           Travis Martel         10         0.5         Rolly Gomez         10         0.5           Danny Clayton         10         0.5         0.5         0.5           Bud Curtis         10         0.5         0.5         0.5	11:30 12:30 13:00 14:45 15:45 16:00	Lunch Attend conference of Return to site. Prep Fill in low spot on him VIP's on site SS1, r SoCal and DOGGR Secure site and clear Depart location  Note: RR1 (Porter:	call w/ B&C Ho coare north end cortheast come representative ar all personne 39A ranged at ect oil droplets.	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SITI	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	el to discuss CalCeast side of bridge sandbags still in pl	SHA document req	Date	
Richard Hatteberg         10         0.5         Jim LaGrone         10         0.5           Travis Martel         10         0.5         Rolly Gomez         10         0.5           Danny Clayton         10         0.5         0.5         0.5           Build Curtis         10         0.5         0.5         0.5	1:30 2:30 3:00 4:45 5:45 6:00	Lunch Attend conference of Return to site. Prep Fill in low spot on him VIP's on site SS1, r SoCal and DOGGR Secure site and clear Depart location  Note: RR1 (Porter:	call w/ B&C Ho coare north end cortheast come representative ar all personne 39A ranged at ect oil droplets.	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SITI	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	el to discuss CalCeast side of bridge sandbags still in pl	SHA document req	Date	
Danny Clayton         10         0.5           Bud Curis         10         0.5	11:30 2:30 3:00 4:45 5:45 6:00	Lunch Attend conference of Return to site. Prep Fill in low spot on no VIP's on site SS1, r SoCal and DOGGR Secure site and clear Depart location  Note: RR1 (Porter in the state of the site of the s	call w/ B&C Ho coare north end cortheast corner north and eleva ar representative ar all personne 39A ranged at ect oil droplets. esentative	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SITI 7200 ft)  Proje	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	tel to discuss CalCeast side of bridge sandbags still in plant in plant in plant in plant in plant in the pla	OSHA document req	Date	5
Bud Curtis 10 0,5	11:30 12:30 3:00 4:45 5:45 16:00 Signal	Lunch Attend conference of Return to site. Prep Fill in low spot on no VIP's on site SS1, no SoCal and DOGGR Secure site and cleic Depart location  Note: RR1 (Porter in the state of the s	call w/ B&C Ho coare north end cortheast come control and eleva corth and elev	uston, Howco lega of site for modified of pad in preparal ted of SS25 a inspect site. SIT()  7200 ft)  Proje	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	nel to discuss CalCeast side of bridge sandbags still in plantbags sti	SHA document req ) ace). Refuel track-t	Date	evel Hours 0.5
	11:30 12:30 13:00 14:45 15:45 16:00 Signal Employ Richard Travis	Lunch Attend conference of Return to site. Prep Fill in low spot on in VIP's on site SS1, r SoCal and DOGGR Secure site and clei Depart location Note: RR1 (Porter:  Inclors across grater to colle Ignature Customer Repres Iture Boots and Coots Re	call w/ B&C Ho coare north end cortheast corner corth and eleva ar all personne 39A ranged at coation corthal depets.  ect oil droplets.	uston, Howco lega of site for modified of pad in preparated of SS25 a inspect site. SIT()  7200 ft)  Proje  Travel Hours 0.5 0.5	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	nel to discuss CalCeast side of bridge sandbags still in plantbags sti	SHA document req ) ace). Refuel track-t	Date	evel Hours 0.5
	11:30 12:30 13:00 14:45 15:45 16:00 Signal  Employ Richard Travis Danny	Lunch Attend conference of Return to site. Prep Fill in low spot on in VIP's on site SS1, in SoCal and DOGGR Secure site and cleid Depart location  Note: RR1 (Porter: AR1 (Po	call w/ B&C Ho coare north end cortheast come north and eleva representative ar all personne 39A ranged at coct oil droplets. esentative  presentative	uston, Howco legal of site for modified of pad in preparated of SS25 a inspect site. SIT()  7200 ft)  Proje  Travel Hours  6.5  0.5  0.5	al and outside couns I collection tray #3 ( tion for rain runoff (s P=787  ected Operations  Approvals  Prin	nel to discuss CalCeast side of bridge sandbags still in plantbags sti	SHA document req ) ace). Refuel track-t	Date	evel Hours 0.5



			MO	OT & COUTS SERVICES		
		12-Jan-2016		Well Name and Number:	Standard Sesnon 25	Report# 80
Cu	stomer Name:	Southern California G		County:	Los Angele	
Customer Bi	illing Address:	12801 Tampa Ave., So		State:	California	
6 Stimmer		Northridge, CA, 9132	6	Country:	USA	- Falling
Customes D	AFE #: epresentative:			Well Location:	Aliso Canyon Stora	ge Facility
	Generated By:			Well Type: Job Type:	Well Contro	61
	The second secon	Standard Sesnon 25		Rig No:	N/A	JI
	otion of Charge	And the second s	Com	ments Unit		Total
	Control Specia			Hatteberg 1	s Offit Charge	iotal
	ontrol Specialis			Martel 1		
	SE Specialist	4		Baggett 1		
	Conrol Engine	er 4		aGrone 1		
Sr. Well	Conrol Engine	er 4	Rolly	Gomez 1		
	Control Specia			Moran 1		
Sr. Well	Control Specia	list 4	Bud	Curtis 1		
Genera	al Daily Expens	e 1		7		
	Hotel		( -1 -0) - 1 t	7		
	Equipment		Junk Shot N	Manifold Stby 1		
H	Rental Cars		i i i i i i i i i i i i i i i i i i i	3		
			Estim	ated Daily Total		
		hed to surface with seve ing to 8,585 ft. 5-1/2" s		site ft. 2-7/8" tubing to 8,510 ft. Packer	depth 8,468 ft.	
Hour				Activity on Site		
5:30		otel - Arrive to site 3				
6:30		ily Operations meeting				
6:45				ong wind out of north. 60% to 100%	6 LEL at cone barrier	
7.00	100000000000000000000000000000000000000	- Contract - 1-40 - 1-42 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -	CALL TO LAKE THE VIOLENCE OF CHILD AND AND AND ADDRESS OF THE PARTY OF	et. Crater is about the same.		
7:30		illy operations mtg w/ R d DOGGR representativ		atia s		
8:00 8:30		pection party on Site SS				
9:00				ed the 5 pumping jobs on SS25 do	on the 2-7/8" tubing	
3.00				nhole void between 600 and 1400 b		hed
		lation Several older ter			ibi, which has now been male	1100
11:30	Lunch		- Permitty success as 2	- mes subhayanna		
12:30	Return to	Site SS25, SITP=755 p	si			
15:00		d DOGGR representativ	es on site for instpe	ction.		
15:45		te and personnel	***************************************			
16:00	Depart loc	cation				
			0/0 /			
	Note: At	18:00 relief well Porter	9-A is at 7600 ft ML			
	-					
-						
				- Carlo 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
_			Proie	cted Operations		
			-3-3-3-4-7			
all mist extrac	tors across craf	ter to collect oil droplets				
		ALLE SALES AND SALES AND SALES		Approvals		
Sig	nature Custon	ner Representative		Print Name		Date
9						
				Mike Dozier		
Signati	ure Boots and	Coots Representative	0	Print Name		Date
				0.7U-V-3U-0.7		
				Jim LaGrone		
Pro- Land	Ø-vest	f management	70000	1 - 1	10-2-1	700000
Employe		Hours on Location	Travel Hours	Employee Name		Travel Hours
Richard H	- 4	10	0.5 0.5	Jim LaGrone	10	0.5
Travis I Danny C		10	0.5	Rolly Gamez	1.0	U.O
Bud C	Bud Curtis 10 0.5					
	aggett	101				
Bud C Mike B	aggett	10	0.5		Total Man-hours for Noted Date:	73.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 12-Jan-2016 Well Name and Number: Porter#39A Report # 29 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: Callfornia Customer Billing Address: Northridge, CA 91326 USA Country: Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Lease - Well #: Porter 39A Job Type: Relief Well Ensign 587 Rig No: Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer John Hatteberg 3 Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH Rental Car WC 1 Estimated Daily Total Well Summary Activity on Site Hour Hour Continued directionally drilling 8-1/2" hole from 7,217' MD to 7,600' MD. Slid 7% and rotated 93%. Made a wiper trip and pumped two 40 0:00 18:30 bbl high viscosity sweep. Pulled out of hole from 7,600' MD. Laid down directional BHA 18:30 0:00 **Projected Operations** About to run RR #12 Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Signature Boots and Coots Representative Print Name Date John Hatteberg 12-Jan-16 Travel Hours **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	75.76.71	10.1 2010		Mis II Nimes a see of Niconstant	T Charlest Cons	Standard Sesnon 25 Report #	
C		13-Jan-2016 Southern California Ga	s Company	Well Name and Number County		n 25 Report # 8 os Angeles	
	and the same of the same of	12801 Tampa Ave., SC	THE RESERVE OF THE PARTY OF THE	State		California	
Customer Bi	illing Address:	Northridge, CA, 9132	100-110-2	Country		USA	
	AFE#:			Well Location		Aliso Canyon Storage Facility	
	epresentative:			Well Type		Gas	
	Generated By:			Job Type		Nell Control	
		Standard Sesnon 25		Rig No		N/A	
	ption of Charge:   Control Special		Comn Richard H	ALCOHOL: A CONTRACT OF THE PROPERTY OF THE PRO	nīts Unit CI	harge Total	
	Control Specialist		Travis		1		
	SE Specialist	4	Mike B		1		
Sr. Well	Conrol Enginee		Jim La		1		
	I Conrol Enginee		Rolly G		1		
	Control Speciali		Juan N		1		
Sr. Well	Control Speciali	st 4	Bud 0	Curtis	1		
Gener	al Daily Expense	1			7		
General	Hotel				7		
- 7	Equipment		Junk Shot M	anifold Stby	1		
	Rental Cars				3		
			Estima	ted Daily Total			
		ed to surface with seve			and the state of		
-3/4" casing to	990 ft. 7" casir	ig to 8,585 ft. 5-1/2" slo	otted liner to 8,745 ft	2-7/8" tubing to 8,510 ft. Pag	ker depth 8,468 ft.		
Hour				Activity on Site			
5:30	Depart Hot	tel - Arrive to site 3					
6:30		ly Operations meeting					
6:45				ind from WNW. SITP=743 psi			
7:30		ly Meeting w/ Regulato		truck. Set up same. PU and	asya baat abiald ayar i	COSEA & D in hun lifts	
8:45				rith skid ster, repair drainage a			
11:30	Lunch	natic and saligor liver.	Diesa up location i	in skid ster, repair stanlage u	ong side of docess roa	0 10 0020	
13:00	Return to S	Site SS25					
		cl came to location w/ S					
14:00	Reposition	wind sock on NW side	of location for better	vicability			
					OR THE CONTRACTOR		
14:30			sentative, Pete Slage	el, John Wright and Don Shack	elford to discuss wellbo	ore modeling	
14:30 15:00	Check fire	water supply on SS25	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00	Check fire	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
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14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.	sentative, Pete Slage		elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.			elford to discuss wellbo	ore modeling	
14:30 15:00 15:45	Check fire Secure site	water supply on SS25 of all personnel.		el, John Wright and Don Shack	elford to discuss wellbo	ore modeling	
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14:30 15:00 15:45 17:00	Check fire Secure site Depart Alis	water supply on SS25 a of all personnel so canyon y being fabricated to go	Project on east side of bridg	el, John Wright and Don Shack	elford to discuss wellbo	ore modeling	
14:30 15:00 15:45 17:00	Check fire Secure site Depart Alis	water supply on SS25 a of all personnel so canyon	Project on east side of bridg	el, John Wright and Don Shack ted Operations ge over well	elford to discuss wellbo	pre modeling  Date	
14:30 15:00 15:45 17:00	Check fire Secure site Depart Alis	water supply on SS25 a of all personnel so canyon y being fabricated to go	Project on east side of bridg	ted Operations ge over well Approvals Print Name	elford to discuss wellbo		
14:30 15:00 15:45 17:00	Check fire Secure site Depart Alis	water supply on SS25 a of all personnel so canyon y being fabricated to go	Project on east side of bridg	ted Operations ge over well	elford to discuss wellbo		
14:30 15:00 15:45 17:00 aiting on 3rd n	Check fire Secure site Depart Alis nist extractor frag	water supply on SS25 a of all personnel. to canyon  y being fabricated to go er Representative	Project on east side of bridg	ted Operations ge over well Approvals Print Name Mike Dozier	elford to discuss wellbo	Date	
14:30 15:00 15:45 17:00 aiting on 3rd n	Check fire Secure site Depart Alis nist extractor frag	water supply on SS25 a of all personnel so canyon y being fabricated to go	Project on east side of bridg	ted Operations ge over well Approvals Print Name	elford to discuss wellbo		
14:30 15:00 15:45 17:00 aiting on 3rd n	Check fire Secure site Depart Alis nist extractor frag	water supply on SS25 a of all personnel. to canyon  y being fabricated to go er Representative	Project on east side of bridg	ted Operations ge over well Approvals Print Name Mike Dozier	elford to discuss wellbo	Date	
14:30 15:00 15:45 17:00 aiting on 3rd n Sig	Check fire Secure site Depart Alis nist extractor tray gnature Custom ure Boots and C	water supply on SS25 a of all personnel. to canyon  y being fabricated to go er Representative	Project on east side of bridg	ted Operations ge over well Approvals Print Name Mike Dozier Print Name Jim LäGrone		Date	
14:30 15:00 15:45 17:00 aiting on 3rd n Sig	Check fire Secure site Depart Alis nist extractor tray gnature Custom ure Boots and C	water supply on SS25 a of all personnel to canyon  y being fabricated to go er Representative  Coots Representative	Project on east side of bridge A	ted Operations ge over well Approvals Print Name Mike Dozier Print Name Jim LaGrone Employee N	ime Hours on	Date Date Location Travel Hours	
14:30 15:00 15:00 15:45 17:00  aiting on 3rd n Sig Signate Employe	Check fire Secure site Depart Alis nist extractor tray nature Custom ure Boots and C	water supply on SS25 a of all personnel co canyon  y being fabricated to go er Representative  Coots Representative  Hours on Location	Project on east side of bridge A	ted Operations ge over well Approvals Print Name Mike Dozier Print Name Jim LaGrone	ime Hours on	Date  Date  Location Travel Hours  0.5	
14:30 15:00 15:45 17:00  aiting on 3rd n  Sig  Signati  Employe  Richard H  Travis	Check fire Secure site Depart Alis  nist extractor tray gnature Custom ure Boots and Custom	water supply on SS25 a of all personnel. co canyon  y being fabricated to go er Representative  Coots Representative  Hours on Location 10 10	Project on east side of bridge A	ted Operations ge over well Approvals Print Name Mike Dozier Print Name Jim LaGrone Employee N	ime Hours on	Date  Date  Location Travel Hours  0.5	
14:30 15:00 15:45 17:00  aiting on 3rd n Sig Signatu Employe Richard H Travis Danny (	Check fire Secure site Depart Alis  nist extractor trav gnature Custom  ure Boots and Custom  ee Name latteberg Mariel Claylon	water supply on SS25 a of all personnel to canyon  y being fabricated to go er Representative  Coots Representative  Hours on Location 10 10 10	Projection east side of bridge A	ted Operations ge over well Approvals Print Name Mike Dozier Print Name Jim LaGrone	ime Hours on	Date  Date  Location Travel Hours  0.5	
14:30 15:00 15:45 17:00  laiting on 3rd n  Sig  Signati  Employe  Richard H  Travis	Check fire Secure site Depart Alis  nist extractor fram  nature Custom  ure Boots and Custom  ee Name latteberg Mariel Clayton Curtis	water supply on SS25 a of all personnel. co canyon  y being fabricated to go er Representative  Coots Representative  Hours on Location 10 10	Projection east side of bridge A	ted Operations ge over well Approvals Print Name Mike Dozier Print Name Jim LaGrone	ime Hours on	Date  Date  Location Travel Hours  0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 13-Jan-2016 Well Name and Number: Porter #39A Report # 30 Southern California Gas Company **Customer Name:** County: Los Angeles California 12801 Tampa Ave., SC 9328 Region: **Customer Billing Address:** Northridge, CA 91326 Country: USA Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Total Level Comments Units Unit Charge Well Control Engineer 3 John Hatteberg 3 Well Control Engineer Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JHAVC 2 JH/WC Hotel Rental Car JH 1 Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Rigged up Halliburton E-line. Ran in hole with Wellspot Ranging tools and performed ranging run #12 (reports attached) open hole at 7,600' MD. Pulled tools back to surface. Made up 4-1/2" Wellspot Ranging tools. Rand in hole and performed ranging run #12 confirmation run in 0:00 11:30 open hole again at 7,600 MD. Pulled E-line to surface and rigged down Halliburton's E-line equipment. Departed hotel for location at 0630 Made up drilling BHA and ran in hole to 7,600 MD. Attended meeting from 1430 hrs to 1700 hrs to discuss potential 600 bbls void or 11:30 17:00 fracture system in SS#25 well. Directionally drilled 8-1/2" hole from 7,500' MD to 7,710' MD. Slid 7% and rotated 93%. Circulated hole celan and pumped two 40 bbl high 17:00 22:00 viscosity sweeps. Departed location for hotel at 17:00 hrs. 0:00 Pulled out oh hole from 7,710' MD to 6,890' MD. 22:00 **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 13-Jan-16 Travel Hours **Employee Name** Travel Hours **Employee Name** Hours on Location Hours on Location John Hatteberg 10.5 Wayne Courville 105 Arash 11.5 Total Man-hours for Noted Date:



		No.		S & COOKS SERVICES	1	Standard Second 25 Report #	
Cu		14-Jan-2016 Southern California G	as Company	Well Name and Numbe County		Report# 8	
		12801 Tampa Ave., St	Control of the Contro	State		*	
Customer Bi	illing Address:	Northridge, CA, 9132		Country		SA	
	AFE#:			Well Location	: Aliso Canyon S	Storage Facility	
	epresentative:			Well Type		18	
	Generated By:			Job Type		Well Control N/A	
	70 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Standard Sesnon 25		Rig No			
	tion of Charge Control Special		The second secon	nents I Hatteberg	nits Unit Charge	Total	
	ontrol Specialist			Martel	1		
	SE Specialist	4	Mike B		1 1		
Sr. Well	Conrol Engine	er 4	Jim La		1		
	Conrol Engine		Rolly	Somez	1		
	Control Special			Moran	1		
Sr. Well	Control Special	ist 4	Bud (	Curtis	1		
Gonor	al Daily Expense	1			7		
Genera	Hotel				7		
- 1	Equipment		Junk Shot M	lanifold Stby	1		
	Rental Cars				3		
			Estima	ited Daily Total			
andard Senso	n 25 has broach	ned to surface with sev	eral fissures on pad s	ite	THE PROPERTY OF STREET		
3/4" casing to	990 ft. 7" casir	ng to 8,585 ft. 5-1/2" s	lotted liner to 8,745 ft	. 2-7/8" tubing to 8,510 ft. Pag	ker depth 8,468 ft.		
Hour				Activity on Site			
5:30	Depart Ho	tel - Arrive to site 3					
6:30	Attend Dai	ily Operations meeting					
7:15				d moderately strong out of NNI	V		
7:30		ily Operatiion Mtg w/ R					
8:55 11:00				hermal gun. 54 deg F. Double eck temperature in water bottle			
12:00		site. SITP = 722 psig	ite for inspection. Ch	eck temperature in water bottle	, 52 deg r. Reposition water	r bottle in gas now	
			pre-plain running a g	vro and rig up. Geosyntec per	onnel on site to plan errosio	nal control.	
14:00	Western V	V/L came to location to		yro and rig up. Geosyntec per read directly at source of flow			
14:00 14:15 15:00	Western W Check wat Move in W	V/L came to location to ter bottle, temperature lestern W/L equipment	67 deg F. Temp gun	yro and rig up. Geosyntec per read directly at source of flow			
14:00 14:15 15:00 16:45	Western V Check wat Move in V Secure site	V/L came to location to ter bottle, temperature /estern W/L equipment e of all personnel	67 deg F. Temp gun				
14:00 14:15 15:00 16:45 16:50	Western V Check wat Move in V Secure site	V/L came to location to ter bottle, temperature lestern W/L equipment	67 deg F. Temp gun				
14:00 14:15 15:00 16:45	Western V Check wat Move in V Secure site	V/L came to location to ter bottle, temperature /estern W/L equipment e of all personnel	67 deg F. Temp gun				
14:00 14:15 15:00 16:45	Western V Check wat Move in V Secure site	V/L came to location to ter bottle, temperature /estern W/L equipment e of all personnel	67 deg F. Temp gun				
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14:00 14:15 15:00 16:45 16:50 In Rate Gyro v	Western V Check wat Move in W Secure site Depart Alis  W Memory Temp Inature Custom  ure Boots and G	WL came to location to the bottle, temperature lestern W/L equipment e of all personnel so Canyon  perature on wireline the Representative  Coots Representative	Project	read directly at source of flow interest of the source of flow interest of flow interest of the source of flow interest of flo	s 67 to 69 deg F confirming	Date  Date	
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I 4:00 I 4:15 I 5:00 I 6:45 I 6:50  In Rate Gyro v  Signatu  Employe Richard H	Western V Check wat Move in W Secure site Depart Alis  W Memory Temp Inature Custom ure Boots and G e Name latteberg	WL came to location to the bottle, temperature lestern W/L equipment e of all personnel so Canyon  perature on wireline the Representative  Hours on Location 10	Project  Travel Hours 0.5	read directly at source of flow interest of the source of flow interest of flow interes	arme Hours on Locati	Date  Date  Travel Hours 0.5	
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14:00 14:15 15:00 16:45 16:50  un Rate Gyro v Sig Signatu Employe Richard H	Western V Check wat Move in V Secure site Depart Alis  W Memory Temp Inature Custom Ure Boots and C e Name latteberg Mariel Clayton	WL came to location to the bottle, temperature lestern W/L equipment e of all personnel so Carryon  Derature on wireline the Representative  Hours on Location 10 10 10 10 10 10 10 10 10 10 10 10 10	Project  Travel Hours 0.5	read directly at source of flow interest of the source of flow interest of flow interes	arme Hours on Locati	Date  Date  Travel Hours 0.5	
In Rate Gyro v  Sig  Signatu  Employe Richard H  Travis I  Danny C	Western V Check wat Move in W Secure site Depart Alis  W Memory Temp  Inature Custom  Ure Boots and G e Name latteberg Meriel Clayton Curtis	WL came to location to the bottle, temperature lestern W/L equipment e of all personnel so Canyon  perature on wireline the Representative  Hours on Location 10 10 10	Project  Travel Hours 0.5 0.5 0.5	read directly at source of flow interest of the source of flow interest of flow interes	arme Hours on Locati	Date  Date  Travel Hours 0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Co Date: 14-Jan-2016 Well Name and Number: Porter #39A Report # 31 Southern California Gas Company County **Customer Name:** Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Relief Well Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 JH/WC 2 General Daily Expenses Hotel JH/WC 2 Rental Car JH Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued pulling out of hole with directional tools from 6,890' MD. Stood back directional BHA. 0:00 4:30 Rigged up Halliburtor's E-Line equipment. Ran in hole with WellSpot and performed ranging run #13 on bottom at 7,710' MD. (results attached). Pulled out of hole with same and then ran in hole with RGRIII WellSpot ranging tools and performed open hole passive magnetic 4:30 12:00 ranging on bottom at 7,710' MD. Rigged down Halliburton's E-Line eqiupment. Traveled to location from hotel at 0630 hrs. 12:00 17:00 Made up directional BHA and ran in hole to 7,710' MD. Directionally drilled 8-1/2" hole from 7,710' MD to 7,800' MD. Slid 23% and rotated 77%. Pumped two 40 bbls high viscosity sweeps. Pulled 17:00 0:00 out of hole from 7,800' MD to 5,572' MD. Traveled from location to hotel at 16:30 hrs. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 14-Jan-16 Hours on Location **Employee Name** Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	and the second s	15-Jan-2016				Report# 8
Cus	tomer Name:	Southern California G		County:	Los Angel	
<b>Customer Bill</b>	ing Address:	12801 Tampa Ave., S Northridge, CA, 913		State: Country:	California USA	
	AFE#:	Hallinge, OA, als		Well Location:	Aliso Canyon Stora	age Facility
Customer Re	presentative:			Well Type:	Gas	
	enerated By:			Job Type:	Well Cont	rol
	0.50	Standard Sesnon 25		Rig No:	N/A	
W 100 C 10 C 10 C	ion of Charge Control Special	The second secon	Comme Richard Ha		Unit Charge	Total
	ntrol Specialist		Travis M			
	E Specialist	4	Mike Bag	The state of the s		
Sr. Well (	Conrol Enginee		Jim LaG	rone 1		
	Conrol Enginee		Rolly Go			
	Control Speciali		Juan Mo Bud Cu			
or well c	Control Speciali	iot 4	Bud Cu	rtis 1		
General	Daily Expense	1		7		
Sec. Set.	Hotel			7		
	quipment		Junk Shot Mar			
Re	ental Cars			3		
			Estimate	ed Daily Total		
77.77	05 1		- 1.E			
			eral fissures on pad site	e 2-7/8" tubing to 8,510 ft. Packer de	nth 8 468 #	
	aau n. / casir	ig to 0,000 it. 0-1/2" S	lotted liner to 5,745 ft.	THE STATE OF THE PROPERTY OF T	htti 0,400 It	
Hour	Depart He	tal Arches to who ?		Activity on Site		
5:30 6:30		tel - Arrive to site 3 ily Operations meeting	1			
7:00				gas going straight up, very foggy. S	TP = 716 psi	
7:20				for W/L operations. Began rigging		
7:30	Attend Dai	ily Operation meeting	w/ Regulators			
			s flow. Temp = 62 deg	F		
9:00		arrive and began riggin				
9:30			ridge for access to tree			
10:05		est lubricator 400 psi li ol of glycol into well, no	ow/4000 psi high for 5 n	un, ok		
11:00				ure and temperature tool.		
11:45		@ 8382 ft. 8370 ft WL		and the state of t		
12:30				open discussion on kill theories		
13:00			temperate tools, SITP	= 676 psi		
14:30	Release sl	lick line unit and crane	from site			
15:20 15:27		- Post	drons annear to be un	loading thick oil into crater from ver	t in crater and out 2" outle	et in 11" csa
15:30		e of all personnel	andba abbeauto ne mu	to a true caster from ver	an orang and our 2 outs	an ir osg
16:00		so Canyon				
	3					
			Basis	d Constitute		
ın Rate Gyro			Projecte	d Operations		
in Kate Gyro						
			Δη	provals		
Sign	ature Custom	er Representative	- AP	Print Name	,1 C.	Date
9.						
				Mike Dozier	+ + +	
Signatur	re Boots and C	Coots Representative		Print Name		Date
Signatur	- Ecoto and	to pre-sentente		. Tory results		
				Jim LaGrone		
Page 1 and	Maurin	Union and the Principal of	Tennet Orange 1	Emplehes Otto	1 Ognoza Casar	Thereal Oliver
Employee Richard Ha		Hours on Location	Travel Hours 0.5	Employee Name Jim LaGrone	Hours on Location	Travel Hours 0.5
Travis M		10	0.5	Rolly Gomez	10	0.5
II QVIS IVI		10	0.5	Trong Sounds	10	U.U
Danny Ch		4.4				
Danny Cla Bud Cu		10	0,5			
	rtis	10	0,5 0,5			

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Co Date: 15-Jan-2016 Well Name and Number: Porter #39A Report # 32 Southern California Gas Company Los Angeles **Customer Name:** County: 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas JH/WC General Daily Expenses 2 Hotel JH/WC Rental Car JH Rental Car WC **Estimated Daily Total** Well Summary Hour Activity on Site Hour Continued pulling out of hole from 5,272' MD. Laid down directional BHA. 0:00 4:00 Rigged up Halliburton E-Line. Ran in hole and performed open hole WellSpot Ranging Run #14 (Results attached) on bottom at 7,800' MD. Pulled tools to surface then ran passive magnetic ranging confirmation run, the RGR III tool, to 7,800' MD. Pulled tool back to surface, 4:00 12:00 Rigged down Halliburton E-Line Equipment. Traveled from hotel to location at 0630 hrs. 12:00 16:30 Made up directional BHA. Ran in hole to 7,800' MD. Directionally drilled from 7,800' MD to 7,860' MD. Slid 20% and rotated 80%. Pumped two 40 bbl high viscosity sweeps. Traveled from 16:30 20:30 location to hotel at 1630 hrs. Pulled out of hole from 7,860' MD to 1,946' MD (midnight depth). 20:30 0:00 Arash worked with Don Shackelford to develop and present 600 bbls void presentation. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 15-Jan-16 Hours on Location **Employee Name** Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



			40	OTH & COOTS SERVICE		
		16-Jan-2016		Well Name and Number:	Standard Sesnon 25	Report# 8
Ci	ustomer Name:	Southern Californ	The state of the s	County:	Los Ange	
Customer E	illing Address:	12801 Tampa Ave		State:	Californ USA	а
* 5.Th. F. X	AFE#:	Northridge, CA,	91320	Country: Well Location:	Aliso Canyon Stor	age Facility
Customer F	Representative:			Well Type:	Gas	age i somy
Report	Generated By:	Jim LaGrone		Job Type:	Well Con	trol
		Standard Sesnon	125	Rig No:	N/A	
	ption of Charge		21 -	ments Uni	ts Unit Charge	Total
	Il Control Specia Control Specialis			Hatteberg 1 Martel 1		
	SE Specialist	4		Baggett 1		
	I Conrol Engine			aGrone 1		
	Il Conrol Engine			Gomez 1		
	Control Special			Moran 1		
Sr. Wel	Control Special	list 4	Bud	Curtis 1		
Gono	ral Daily Expense	e 1		7		
Gene	Hotel			7		
	Equipment		Junk Shot I	Manifold Stby 1		
	Rental Cars			3		
			Estim	ated Daily Total		
			several fissures on pad		CONTRACTOR OF	
-3/4" casing t	o 990 ft. 7" casi	ng to 8,585 ft. 5-1	/2" slotted liner to 8,745	ft. 2-7/8" tubing to 8,510 ft. Packe	r depth 8,468 ft.	
Hour				Activity on Site		
5:30		itel - Arrive to site :				
6:30		ily Operations med		NUMBER OF THE PROPERTY OF THE		
6:45 7:15				NNW and shifting. SITP = 691 ps od shifting. Stop crane operations		
7:30			eting w/ Regulators	id silling. Step date operations	valuing of favorable willu	
8:30			crane operations for wire	line work		
9:00			on north seeking gyro to			
10:00		9 psi Tool seeing				
10:15	Pressure t	est lubricator 400	psi low/4000 psi high, Ol	Κ.		
10:30	Open well	and RIH W/ Rate	Gyro collect directional in	formation both in and out rep and SoCal reps in attendance		
11:00			ig out of hole w/ gyro	rep and socar reps in attendance		
12:45				rep and SoCal reps in attendance		
13:15	Out of hole	e w/ gyro. Bleed o	off lubricator and rig down	e-line		
14:45			ed out. Release trucks ar	nd crane.		
15:30		cation clear of all p				
16:00	Depart Ali:	so Canyon Facility				
	1					
!!						
			Proje	cted Operations		
				Approvale		
Si	nature Custom	ner Representativ		Approvals Print Name	10	Date
200	g. march & Guston	ie. nepresendav		. The leading		<b>D</b> uite
				Mike Dozier		
- Charles	No. Bush on Y	0. I. D.	46	Detail Alexander		Date
Signat	ure Boots and	Coots Represent	ative	Print Name		Date
				Jim LaGrone		
			- I - T		10-2-1	
	6. <b>6</b> 6	Management I was at		Employee Name		Travel Hours
Employ	ee Name	Hours on Location	AND		40	ns.
Employ Richard I	Hatteberg	10	0.5	Jim LaGrone	10	0.5
Employ Richard I Travis		A REPORTED BY DE CHELO	AND		10	0.5 0.5
Employ Richard I Travis Danny	Hatteberg Mariel	10 10	0.5 0.5	Jim LaGrone		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Co Date: 16-Jan-2016 Well Name and Number: Porter #39A Report # 33 Southern California Gas Company **Customer Name:** County Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Ensign 587 Rig No: Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Wayne Courville Well Control Engineer 3 1 Well Control Engineer 2 Arash Haghshenas 0 JH/WC 2 General Daily Expenses Hotel JH/WC Rental Car JH Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued pulling out of hole from 1,956' MD to surface. Racked back directional tools. 0:00 2:00 Rigged up Halliburtor's E-Line equipment. Ran in hole and performed open hole WellSpot ranging run #15 at 7,860' MD. Results attached). 2:00 6:00 Pulled ranging tools back to surface. Rigged down Sperry WellSpot ranging tools and Halliburton's E-Line equipment. Made up directional BHA. Ran in hole to 7,860' MD. 6:00 11:00 Directionally drilled from 7,860' MD to 7,950' MD. Slid 20% and rotated 80%. Pumped two high viscoisity sweeps. 11:00 17:00 Pulled out of hole from 7,950' MD. Stood back directional BHA. 17:00 21:30 Rigged up Halliburton's E-Line equipment. Began running in hole on e-line to perform open hole WellSpot ranging run#16 at 7,950' MD. 21:30 0:00 (Results attached) **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 16-Jan-16 Hours on Location **Employee Name** Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	78.77	17 1 2040		Wall Manage on Assessment	Distributed Dates and DE	Income I' w
0		17-Jan-2016 Southern California Ga	is Company	Well Name and Number: County:	Standard Sesnon 25 Los Ange	Report # 8
N. P	A COMP OF THE PARTY	12801 Tampa Ave., SC		State:	Californ	
Customer Bill	ling Address:	Northridge, CA, 9132	6	Country:	USA	
	AFE#:			Well Location:	Aliso Canyon Sto	rage Facility
Customer Re		L.	- 1	Well Type:	Gas	
	enerated By:			Job Type:	Well Cor	ntrol
		Standard Sesnon 25		Rig No:	N/A	
	ion of Charge Control Special		and the second particular to	ments Uni Hatteberg 1	ts Unit Charge	Total
	introl Specialist			Martel 1		
	E Specialist	4		Baggett 1		
Sr. Well (	Conrol Engine			aGrone 1		
	Conrol Engine			Gomez 1		
	Control Special			Moran 1		
Sr. Well C	Control Special	ist 4	Bud	Curtis 1		
General	Daily Every	1		7		
General	Daily Expense Hotel			7		
F	quipment		Junk Shot N	Manifold Stby 1		
	ental Cars		52,13 G113F1	3		
			Estim	ated Daily Total		
		ed to surface with seve			er de grant franche	
-3/4" casing to	990 ft. 7" casir	ng to 8,585 ft. 5-1/2" sl	otted liner to 8,745 f	t. 2-7/8" tubing to 8,510 ft. Packe	r depth 8,468 ft.	
Hour				Activity on Site		
5:30	Depart Ho	tel - Arrive to site 3				
6:30	Attend Dai	ly Operations meeting			The same of the sa	
6:50				te strong winds from NNW. SITP =	: 658 psi	
7:30		ly Operations meeting				
7:55	SoCal and	DOGGR representativ	es on site for inspec	tion		
13:15		on representative on Si resentative on site for in				
14:00 15:00		resentative on site for it representatives on Sit				
15:25	SoCal IHM		e 351			
15:30		e of all personnel				
16:00		so Canyoun				
			Proje	cted Operations		
		- Barrier III		Approvals	n.	5.03
	ature Custom	er Representative		Print Name		Date
Sign				Mike Dozier		
Sign				MINE DODIE		
Sign		Coots Representative	0	Print Name		Date
	re Boots and (					
	re Boots and (			Jim LaGrone		
	re Boots and (			OIII) Laciono		
Signatu					4	
Signatui Employee	Name	Hours on Location	Travel Hours	Employee Nam		
Signatur Employee Richard Ha	Name tteberg	10	0.5	Employee Nam Jim LaGrone	10	0.5
Signatui Employee Richard Ha Travis M	Name tteberg ariel	10 10	0.5 0.5	Employee Nam		
Signatui Employee Richard Ha Travis M Juan Mc	Name Iteberg Iariel Oran	10 10 10	0.5 0.5 0.5	Employee Nam Jim LaGrone	10	0.5
Signatui Employee Richard Ha Travis M	Name Itteberg ariel oran	10 10	0.5 0.5	Employee Nam Jim LaGrone	10	0.5



	Date	e: 18-Jan-2016		Well Name and Number:	Standard Sesnon 25	Report#   86
	and the second s	: Southern California G	as Company	County:	Los Angele	
C		12901 Tappes Ave. St		State:	California	
Custome	er Billing Address	Northridge, CA, 9132		Country:	USA	
	AFE.#			Well Location:	Aliso Canyon Stora	ge Facility
	er Representative			Well Type:	Gas	
Kep	ort Generated By	t: Standard Sesnon 25		Job Type: Rig No:	Well Contr	01
Des	scription of Charg	3 1600-03 30-03 37-03 037-03	Com	ments Unit		Total
	Well Control Speci		the second property of	Hatteberg 1	s Offic Charge	iotai
	ell Control Special			Martel 1		
	HSE Specialist	4		Baggett 1		
	Well Conrol Engin		A COLUMN TO THE REAL PROPERTY OF THE PARTY O	aGrone 1		
	Well Control Engin			Gomez 1 Moran 1		
	Well Control Specia			Curtis 1		
	ven contact opeca	2,100	250	- Tallar		
Ge	eneral Daily Expen	se 1		7		
	Hotel			7		
	Equipment		Junk Shot N	Manifold Stby 1		
	Rental Cars		Aug.	3		
			Estim	ated Daily Total		
andard C.	enson 25 has bree	ched to surface with sev	oral fissures on ned	eita		
				t, 2-7/8" tubing to 8,510 ft. Packer	depth 8.468 ft	
Hour	III TO COO III. I COO	and to close it. o. 1/2 3	terror mier to birati	Activity on Site	makeri al 100 th	
5:30	Depart H	lotel - Arrive to site 3		Activity on one		
6:30		aily Operations meeting	Tarana Taran			
6:55				ate wind out of SSW. SITP = 668 ps	si. No visual change in crater	
	100 100 100 100	idence of fresh oil in cra				
7:30		aily Operations meeting				
8:00		DOGGR representatives w/ all involved parties to		a factorment and fell		
9:30	SITP = 6		discuss decision tre	e for intercept and kill		
10:30		te due to poor visibility (F	og)			
11:30		Site SS25 with Sempra		ection		
12:00	Lunch					
12.00		ly poor visibility and dete				
13:00 15:30		decision tree work plan for and clear all personnel of				
16:00	104 70 30 30 0 1 1	diso Canyon	dite 0025			
	-					
-						
			Proje	cted Operations		
				Approvals		
	Signature Custo	mer Representative		Print Name		Date
				Mike Dozier		
Sig	nature Boots and	d Coots Representative	X i	Print Name		Date
				Jim LaGrone		
	ployee Name	Hours on Location	Travel Hours	Employee Name	Hours on Location	Travel Hours
Derv		Hours on Location	0.5	Jim LaGrone	Hours on Location	0.5
	ard Hatteberg				10	
Richa	ard Hatteberg avis Mariel	10	0.5	Rolly Gamez	10	0.5
Rich: Tr		10	0.5	Rolly Gamez	10	0.5
Richa Tra Ju E	ravis Martel			Rolly Gomez	10	0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice, Houston, TX. 77066 281-931-8884 Boots & Costs Date: 18-Jan-2016 Well Name and Number: Porter #39A Report # 35 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 Arash Haghshenas 0 Well Control Engineer General Daily Expenses JH/WC 2 JH/WC 2 Hotel Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Activity on Site Hour Hour 0:00 3:30 Ran in hole to 8,070' MD. Directionally drilled from 8,070' MD to 8,160' MD. Slid 35%, rotated 65%. Pumped two 40 bbl high viscosity sweeps. Traveled from hotel to 10:00 3:30 location at 0630 hrs. Held forward operations meeting to discuss Don Shackelford decision tree from 800 hrs to 845 hrs. 10:00 14:30 Pulled out of hole from 8,160' MD to surface. Laid down directional BHA. Rigged up Halliburton E-Line equipment and Sperry WellSpot Ranging tools. Ran in hole with E-Line to 8,160' MD and performed Ranging 18:30 14:30 Run #18 (results attached). Pulled ranging tools back to surface. Rigged down ranging tools and Halliburton's E-Line equipment. 18:30 0:00 Made up directional BHA. Ran in hole to 3,658' MD by midnight. Worked on drilling rig. **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Signature Boots and Coots Representative Print Name Date John Hatteberg 18-Jan-16 Travel Hours **Employee Name Employee Name** Hours on Location Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 11 Arash Total Man-hours for Noted Date:



		19-Jan-2016		Well Name a			eport# 8
	Customer Name:	Southern California G			County:	Los Angele	S
Custon	mer Billing Address:	12801 Tampa Ave., S Northridge, CA, 913			State:	California	
F 178.A.2.	AFE#	Nominioge, CA, 913	26	We	Country:	USA Aliso Canyon Storag	ac Encility
Custor	mer Representative:			YVE	Well Type:	Gas	ge racility
	port Generated By:				Job Type:	Well Contro	ol
		Standard Sesnon 25			Rig No:	N/A	
De	escription of Charge	es: Level	Com	ments	Units	Unit Charge	Total
	. Well Control Specia			Hatteberg	-1		
V	Well Control Specialis			Martel	1		
	HSE Specialist	4	9100130	Baggett	1		
	r. Well Conrol Engine r. Well Conrol Engine			aGrone Gomez	1	-	
	. Well Control Specia			Moran	1		
	Well Control Specia	A STATE OF THE PARTY OF THE PAR		Curtis	1		
C	General Daily Expens	e 1			7		
	Hotel		ra at	I and I all	7		
	Equipment Rental Cars		Junk Shot N	Manifold Stby	3		
	Rental Cars		Carre	ated Daily Total	3		
			Esum	ateu Daily IOIai			
andard S	Senson 25 has broad	hed to surface with sev	eral fissures on pad	site			
		ing to 8,585 ft. 5-1/2" s			510 ft. Packer of	epth 8,468 ft.	
Hour	3	A second section of the party	and the second second	Activity on		28 (W. 28 62 2 41)	
5:30	Depart H	otel - Arrive to site 3		ractivity on	-715		
6:30		ally Operations meeting					
7:00	Arrive on	Site SS25 and check w	rinds and LEL's. Slig		SITP = 638 psi		
8:00		d DOGGR representati					
9:00		se services on site to or					
10:45		bricating basket at Hot			DE /200	- A	
10:45		Congressment and Cit presentative on site	y Govt officials on Sil	e 551 observing 55	25 (300 yas awa	γ)	
11:30	SITP = 62						
12:00	Lunch - v	eather deteriorating					
15:00	SITP = 64						
15:30		of all personnel and se	cure				
16:00	Depart Al	iso Canyon					
			_				
- 37							
			Drois	cted Operations			
			Fioje	otea operations			
				Approvals			
	Signature Custor	ner Representative	1	Approvals Print	Name		Date
	Signature Custor	ner Representative		Print			Date
	Signature Custor	ner Representative		Print	Name Dozier		Date
0				Print Mike	Dozier		
Si		ner Representative  Coots Representative		Print Mike			Date Date
Si				Print Mike Print	Dozier		
	ignature Boots and	Coots Representative		Print Mike Print	Dozier Name aGrone		Date
En	ignature Boots and	Coots Representative	e Travel Hours	Print Mike Print	Dozier Name aGrone Employee Name	Hours on Location	Date Travel Hours
En Ric	ignature Boots and mployee Name chard Hatteberg	Coots Representative	Travel Hours 0.5	Print Mike Print	Name aGrone Employee Name Jim LaGrone	10	Date Travel Hours 0.5
En Ric	ignature Boots and mployee Name chard Hatteberg Travis Mariel	Coots Representative  Hours on Location  10  10	Travel Hours 0.5 0.5	Print Mike Print	Dozier Name aGrone Employee Name	The second secon	Date Travel Hours
En Ric	ignature Boots and mployee Name chard Hatteberg	Coots Representative	Travel Hours 0.5	Print Mike Print	Name aGrone Employee Name Jim LaGrone	10	Date Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 19-Jan-2016 Well Name and Number: Porter#39A Report # 36 Customer Name: Southern California Gas Company County: Los Angeles Region: 12801 Tampa Ave., SC 9328 California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 0 Well Control Engineer Arash Haghshenas General Daily Expenses JH/WC JH/WC Hotel Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Activity on Site Hour Hour 0:00 1:30 Continued running in hole with drilling BHA to 8,160' MD. Directionally drilled 8-1/2" hole from 8,160' MD to 8,240' MD. Slid 20% and rotated 80%. Departed hotel for location at 0630 hrs. 2:30 8:00 Pumped two 40 bbls high viscosity sweeps. Pulled out of hole from 8,240' MD. Stood back directional BHA 15:30 8:00 Rigged up Halliburton's E-Line equipment. Ran in hole with ranging tools and performed Ranging Run #19 at 8,240' MD (results attached). 15:30 20:00 Pulled tools to surface and rigged down Halliburton E-Line Equipment. Departed location for hotel at 1630 hrs. 20:30 0:00 Picked up directional BHA and ran in hole with same. Midnight depth was 1,500' MD. Projected Operations Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 19-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	Date:	20-Jan-2016		Well Name and Nu	mber: S	Standard Sesnon 25	Report#   8
C	The second secon	Southern California C	Gas Company		ounty:	Los Angele	
Customer	Billing Address:	12801 Tampa Ave., S			State:	California	
Customer E	anning Address:	Northridge, CA, 913			untry:	USA	
	AFE#:			Well Loc		Aliso Canyon Stora	ge Facility
	Representative:				Type:	Gas	
Report	Generated By:				Туре:	Well Contr	ol
	. 305V- 91380550	Standard Sesnon 25			ig No:	N/A	
	ption of Charge			ments	Units	Unit Charge	Total
	Control Special			Hatteberg	1		
	Control Specialist			Martel	1		
	SE Specialist  Il Conrol Enginee	4	Mike B	Saggett Grone	1		
	all Conrol Enginee			Gomez	1		
	Il Control Speciali			Moran	1		
	Il Control Speciali			Curtis	1		
VII. 1 VC		2	DJQ (	0.00.00			
Gene	ral Daily Expense	1			7		
	Hotel				7		
	Equipment		Junk Shot N	lanifold Stby	1		
	Rental Cars				3		
			Estima	ated Daily Total			
andard Sens	on 25 has broach	ed to surface with se	veral fissures on pad s	site		1000	
				2-7/8" tubing to 8,510 ft	. Packer dep	oth 8,468 ft.	
Hour				Activity on Site	- KINGGON	WARE DO THE	
5:30	Depart Ho	tel - Arrive to site 3		many on one			
6:30		ly Operations meeting	a				
7:00				eze from west and increas	ing. SITP =	619 psi	
				north end that is undercut			
				est side and separation fr			
		te of the section.		and areas and a Areas and a			
7:30	Attend Dai	ly Operatations meet	ing w/ Regulators				
8:00			tives on site for inspec	tion			
	Onyx pers	onnel at site. Remov	ed tool trailer, choke p	anel and N2 bottle rack.	Take all to De	-Con site	
10:30			rom location and take				
11:30	Lunch						
13:00			eze out of NNW, SITF				
14:00			site for any returns tha	at retum on kill job			
15:45	N. 4-X-19-1-0	te of all personnel an	d secure same				
16:00	Depart Alis	o Canyon					
			Projec	eted Operations			
			Projec	ted Operations			
				Approvals			
Si	gnature Custom	er Representative			à .		Date
Si	gnature Custom	er Representative		Approvals Print Name			Date
Si	gnature Custom	er Representative		Approvals			Date
				Approvals Print Name Mike Dozie	r-		
		er Representative Coots Representativ		Approvals Print Name	r-		Date
				Approvals Print Name Mike Dozie Print Name	r e		
				Approvals Print Name Mike Dozie	r e		
Signal	ture Boots and (	Coots Representativ	/e	Approvals Print Name Mike Dozie Print Name	e e	Hours on Location	Date
Signal Employ	ture Boots and (	Coots Representativ	/e Travel Hours	Approvals Print Name Mike Dozie Print Name Jim LaGron	r e e oyee Name	Hours on Location	Date Travel Hours
Signal Employ Richard	ture Boots and C ree Name Hatteberg	Coots Representative Hours on Location	re Travel Hours 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Jim	r e e yee Name LaGrone	10	Date Travel Hours 0.5
Signal  Employ Richard Travis	ture Boots and C ree Name Hatteberg s Mariel	Hours on Location	Travel Hours 0.5 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Jim	r e e oyee Name	= p-/ (-e	Date Travel Hours
Signa Employ Richard Travis Juan	ture Boots and C ree Name Hatteberg s Mariel Moran	Hours on Location 10 10 10	Travel Hours 0.5 0.5 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Jim	r e e yee Name LaGrone	10	Date Travel Hours 0.5
Signal Employ Richard Travis Juan Bud	ture Boots and C ree Name Hatteberg s Mariel	Hours on Location	Travel Hours 0.5 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Jim	r e e yee Name LaGrone	10	Date Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 N = MAL PLP Date: 20-Jan-2016 Well Name and Number: Porter#39A Report # 37 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: **Customer Billing Address:** Northridge, CA 91326 Country: USA Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total Well Control Engineer 3 John Hatteberg Well Control Engineer Wayne Courville 3 Well Control Engineer 2 Arash Haghshenas 0 JH/WC General Daily Expenses Hotel JH/WC Rental Car JH 1 Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site 0:00 2:00 Continued running in hole from 1,500' MD to 8,240' MD. Directionally drilled 8-1/2" hole from 8,240' MD to 8,340' MD. Slid 41% and rotated 59%. Pumped two 40 bbl high viscosity sweeps. 2:30 14:00 Departed hotel for location at 0630 hrs. Pulled out of hole from 8,340' MD. Stand back drilling BHA. Departed location for hotel at 1630 hrs. 14:00 18:30 18:30 24L00 Made up gyro while drilling tools along with 8-1/2" bit (no mud motor). Ran in hole. Midnight depth was 5,000' MD. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 20-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



		?1-Jan-2016		Well Name a	And the same of th		Report# 8
C		Southern California Ga			County:	Los Angele	
Customer I		2801 Tampa Ave., SC Vorthridge, CA, 9132			State:	California USA	
F 124 2 12 10	AFE#:	Nomininge, CA, 9132	ь	W	Country:	Aliso Canyon Stora	ne Facility
Customer	Representative:			1.0	Well Type:	Gas	ge r active
	t Generated By:	im LaGrone			Job Type:	Well Contro	ol
		Standard Sesnon 25			Rig No:	N/A	
	iption of Charges		The second secon	ments	Units	Unit Charge	Total
	ell Control Specialis			Hatteberg	- 1		
	Control Specialist	4		Martel	1		
	ISE Specialist ell Conrol Engineer	4	9192134	Baggett aGrone	1		
	ell Conrol Engineer			Gomez			
	Il Control Specialis			Moran	1		
Sr. We	Sr. Well Control Specialist 4		Bud	Curtis	1		
			-				
Gene	ral Daily Expense				7		
	Hotel		had Ober 1	Janifald Oth.	7		
	Equipment Rental Cars		Junk Snot N	Manifold Stby	3		
	Mental Data		Eetim	ated Daily Total	1 3		
			Callill	accuracy rotal			
andard Sens	on 25 has broache	d to surface with seve	ral fissures on pad	site			
		to 8,585 ft. 5-1/2" sl			,510 ft. Packer d	epth 8,468 ft	
Hour	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE PROPERTY OF THE PARTY OF TH	A STATE OF THE STA	Activity on		B 87 (27) 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
5:30	Depart Hote	el - Arrive to site 3					
6:30		Operations meeting			10 1 at 40	Maria Santa da de	
7:00	Arrive on Si	te SS25 and check wi		ong wind out of the	north. SITP = 59	psi. No visable change in	the crater
7:30		Operations meeting					
8:00		DOGGR representativ	es for site inspection	<ul> <li>Minds not favora</li> </ul>	ble for crane wor	k	
11:30 13:00	Lunch	ols and safety cones fr	anni alka ka kin alii mal	alu.			
14:30		sentative on site to di					
15:45		rsonnel and secure sit		itil caliper log			
16:00	Depart Aliso						
			Drain	etad Operations			
			Projec	cted Operations			
			Projec	cted Operations			
S	ignature Custome	r Representative		Approvals	t Name		Date
S	ignature Custome	r Representative		Approvals Prin			Date
S	ignature Custome	er Representative		Approvals Prin	t Name Dozier		Date
				Approvals Prin	Dozier		
		er Representative		Approvals Prin			Date Date
				Approvals Prin	Dozier		
				Approvals Prin	Dozier t Name aGrone		Date
Signa Emplo	iture Boots and C	oots Representative	Travel Hours	Approvals Prin	Dozier t Name aGrone Employee Name	Hours on Location	Date Travel Hours
Signa Emplo Richard	ture Boots and Co	Hours on Location	Travel Hours	Approvals Prin	Dozier t Name aGrone Employee Name Jim LaGrone	10	Date Travel Hours 0.5
Signa Emplo Richard Travi	yee Name Hatteberg s Mariel	Hours on Location	Travel Hours 0.5 0.5	Approvals Prin	Dozier t Name aGrone Employee Name	The second secon	Date Travel Hours
Signa Emplo Richard Travi Juan	yee Name Hatteberg s Mariel	Hours on Location 10 10 10	Travel Hours 0.5 0.5 0.5	Approvals Prin	Dozier t Name aGrone Employee Name Jim LaGrone	10	Date Travel Hours 0.5
Signa Employ Richard Travi Juan Bud	yee Name Hatteberg s Mariel	Hours on Location	Travel Hours 0.5 0.5	Approvals Prin	Dozier t Name aGrone Employee Name Jim LaGrone	10	Date Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an involce. Houston, TX. 77066 281-931-8884 Boots & Copts A SALCIDSAY Date: 21-Jan-2016 Well Name and Number: Porter #39A Report # 38 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total Well Control Engineer John Hatteberg 3 Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC 2 Hotel Rental Car JH WC Rental Car 1 **Estimated Daily Total** Well Summary Activity on Site Hour Hour 0:00 3:30 Continued running in hole with GWD from 5,500' MD to 8,340' MD. Pulled out of hole from 8,340' MD. Laid down GWD. Departed hotel for location at 0630 hrs. 3:30 8:30 Rigged up Halliburton's E-Line eqiupment. Ran in hole and performed ranging run #20 at 8,340' MD (results attached). Pulled tools back to 8:30 12:30 surface. Rigged down WellSpot ranging tools and Halliburton's E-Line equipment. Attended AddEnergy presentation on modeling results from 0900 hrs to 1100 hrs. Made up directional BHA and ran in hole to 8,340' MD. Departed location for hotel at 1630 hrs. 14:30 17:30 17:30 0:00 Directionally drilled 8-1/2" hole from 8,340' MD to 8,403' MD at midnight. At 7" liner depth. Slid 52% and rotated 48%. **Projected Operations** Approvals **Print Name** Signature Customer Representative Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 21-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



		Annual Control of the		S & COOTS SERVICES				
_		22-Jan-2016		Well Name and Nun			Report# 90	
	Designation of the second	Southern California Ga 12801 Tampa Ave., SO	COLUMN TO SERVICE STATE OF THE PARTY OF THE		nty:	Los Angele California		
Customer E	Billing Address:	Northridge, CA. 9132		Cou	200	USA		
	AFE#:	Hallinge, original		Well Loca		Aliso Canyon Stora	ge Facility	
Customer F	Representative:			Well 1	ype:	Gas		
Report	Generated By:			Job 7		Well Control		
		Standard Sesnon 25			No:	N/A		
	ption of Charge Il Control Special		Comn Richard	March Control of the	Units	Unit Charge	Total	
	Control Specialist		Travis		1			
	SE Specialist	4	Mike B		1			
	Il Conrol Engine		Jim La		1			
	II Conrol Engine		Rolly C		1			
	Il Control Special		Juan N		1	-1-		
Sr. We	Il Control Special	ist 4	Bud 0	urtis	1			
Gene	ral Daily Expense	1			7			
	Hotel				7			
	Equipment		Junk Shot M	anifold Stby	1			
	Rental Cars				3			
			Estima	ted Daily Total		T I		
		ed to surface with seve	March 1971 Annual Control of the Con		0	L 0 400 #		
	10 990 ft. / casir	ig to 6,000 it. 0-1/2" si	otted liner to 5,745 ft	. 2-7/8" tubing to 8,510 ft.	Раскег дерг	π 0,460 π.		
Hour				Activity on Site				
5:30 6:30		tel - Arrive to site 3 ly Operations meeting						
6:45			nds/LFL's Moderate	strong wind out of north.	97% LEL @	cone barrierWind unfavo	orable for crane v	
-				e more oil accumalation in				
	is pooling	on matts and bridge. S	ITP = 607 psi					
7:15		teer to spread dirt on s						
7:30		ly Operation meeting w	// Regulators					
7:50		r compressor onto site	refer than a server and a	alle adjusted adjusted and a				
9:00				nload with stinger crane  Continue to unload and s	not F-W/Le	ont SITP = 617 nsi		
			es for site inspection	. Commiss to diffed alla s	DOLL MALE O	qpt. 0111 - 017 ps		
10:30	Reading to	III UD E-VVL						
	Reading to Shut down	ong up E-VVL operations as CalOSH	IA representatives an	rive on Site SS25				
10:45 11:00	Shut down CalOSHA	operations as CalOSH request to perform site	inspection and discu	ss w/ Western Wireline				
10:45 11:00 12:20	Shut down CalOSHA Operations	operations as CalOSH request to perform site s continue. Stabe lubrio	inspection and discu cator. SITP = 610 ps	ss w/ Western Wireline				
10:45 11:00 12:20 12:30	Shut down CalOSHA Operations Test lubric	operations as CalOSH request to perform site s continue. Stabe lubricator to 400/4000 psi lov	inspection and discu cator. SITP = 610 ps v/hi for 5 min each	ss w/ Western Wireline				
10:45 11:00 12:20 12:30 12:40	Shut down CalOSHA Operations Test lubric RIH w/ 24	operations as CalOSH request to perform site s continue. Stabe lubric ator to 400/4000 psi lov finger surface readout	inspection and discu cator. SITP = 610 ps v/hi for 5 min each	ss w/ Western Wireline				
10:45 11:00 12:20 12:30 12:40 13:30	Shut down CalOSHA Operations Test lubric RIH w/ 24 On bottom	operations as CalOSH request to perform site s continue. Stabe lubric ator to 400/4000 psi lov finger surface readout began logging tubing	inspection and discu cator. SITP = 610 ps whi for 5 min each tubing caliper	ss w/ Western Wireline	aď			
10:45 11:00 12:20 12:30 12:40 13:30 14:00	Shut down CalOSHA Operations Test lubrics RIH w/ 24 On bottom Howco del	operations as CalOSH request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equip	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper tiron w/ valves, tees, ment w/ plastic shee	ss w/ Western Wireline i wings to tie into the wellhe	ad			
10:45 11:00 12:20 12:30 12:40 13:30 14:00 15:00	Shut down CalOSHA Operations Test lubrics RIH w/ 24 On bottom Howso del POOH w/ Out of hole	request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator.	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper tiron w/ valves, tees, ment w/ plastic sheet RD lubricator	ss w/ Western Wireline i wings to tie into the wellhe	ad			
10:45 11:00 12:20 12:30 12:40 13:30 14:00 15:00 15:30	Shut down CalOSHA Operations Test lubrica RIH w/ 24 On bottom Howso del POOH w/ Out of hole Boom dow	request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator, In crane. SITP = 597 p	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper tiron w/ valves, tees, ment w/ plastic sheet RD lubricator	ss w/ Western Wireline i wings to tie into the wellhe	ad			
10.45 11:00 12:20 12:30 12:40 13:30 14:00 15:00 15:30 15:45	Shut down CalOSHA Operations Test lubrics RIH w/ 24 On bottom Howco del POOH w/ Out of hole Boom dow	request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator, I m crane. SITP = 597 per of all personnel	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper tiron w/ valves, tees, ment w/ plastic sheet RD lubricator	ss w/ Western Wireline i wings to tie into the wellhe	aď			
10:45 11:00 12:20 12:30 12:40 13:30 14:00 15:00 15:30 15:45	Shut down CalOSHA Operations Test lubrica RIH w/ 24 On bottom Howso del POOH w/ Out of hole Boom dow	request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator, I m crane. SITP = 597 per of all personnel	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper fron w/ valves, tees, ment w/ plastic sheel RD lubricator	ss w/ Western Wireline i wings to tie into the wellhe	ad			
10:45 11:00 12:20 12:30 12:40 13:30 14:00 15:00 15:30 15:45	Shut down CalOSHA Operations Test lubrics RIH w/ 24 On bottom Howco del POOH w/ Out of hole Boom dow	request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator, I m crane. SITP = 597 per of all personnel	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper fron w/ valves, tees, ment w/ plastic sheel RD lubricator	ss w/ Western Wireline i wings to tie into the wellhe	ad			
10.45 11:00 12:20 12:30 12:40 13:30 14:00 15:00 15:30 15:45	Shut down CalOSHA Operations Test lubrics RIH w/ 24 On bottom Howco del POOH w/ Out of hole Boom dow	request to perform site scontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing livered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator, I m crane. SITP = 597 per of all personnel	inspection and discu- cator. SITP = 610 ps whi for 5 min each tubing caliper fron w/ valves, tees, ment w/ plastic sheel RD lubricator	ss w/ Western Wireline i wings to tie into the wellhe	ad			
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Signat Employ Richard Travis Juan	Shut down CalOSHA Operations Test lubrica RIH w/ 24 On bottom Howco del POOH w/ Out of hole Boom dow Secure site Depart Alis  gnature Custom  ture Boots and C	request to perform site secontinue. Stabe lubricator to 400/4000 psi lov finger surface readout began logging tubing ivered 600 feet of 1502 E-W/L. Cover all equipe. Bleed of lubricator, I m crane. SITP = 597 per of all personnel so Canyon.  The Representative Coots Representative  Hours on Location  10	inspection and discustator. SITP = 610 ps whi for 5 min each tubing caliper  iron w/ valves, tees, ment w/ plastic sheet RD lubricator si  Project  Travel Hours 0.5 0.5	ss w/ Western Wireline i wings to tie into the wellhe ting  ted Operations  Approvals  Print Name  Mike Dozier  Print Name  Jim LaGrone	e Name Grone	10	Date Travel Hours 0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 22-Jan-2016 Well Name and Number: Porter #39A Report # 39 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 Country: USA Alsio Canyon Storage Facility Purchase Order# Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Units Total Level Comments Unit Charge Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC 2 Hotel Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site 0:00 1:00 Pumped two 40 bbl high viscosity sweeps. 7:30 Pulled out of hole from 8,403' MD. Laid down directional tools. 1:00 Rigged up Halliburton E-Line equipment. Ran in hole and performed open hole ranging run #21 ranging on bottom at 8,403' MD (results 8:00 11:30 attached). Pulled tools back to surface. Rigged down WellSpot ranging tools and Halliburton E-Line equipment. Made up casing scraper and ran in hole to 3,395' MD. Circulated bottoms up. Pulled out of hole from 3,395' MD and laid down 9-5/8" 12:00 17:00 casing scraper. Made up 8-1/2" clean out assembly. Ran in hole to 6,500' MD midnight depth with no obstructions. 18:30 0:00 **Projected Operations** Approvals **Print Name** Signature Customer Representative Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 22-Jan-16 Hours on Location Travel Hours **Employee Name Employee Name** Hours on Location Travel Hours John Hatteberg Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



			23-Jan-2016		Well Name a	and Number:	Standard Sesnon 25	Report# 9
	Customer Na	me:	Southern California G		1	County:	Los An	
Custon	ner Billing Add	ess:	12801 Tampa Ave., S			State:	Califo	
F V - 7	of the water	E#:	Northridge, CA, 913	26	W	Country: ell Location:	Aliso Canyon S	
Custon	ner Representa				-	Well Type:	Ga	
	port Generated		Jim LaGrone			Job Type:	Well C	
			Standard Sesnon 25			Rig No:	N/A	Α
	escription of Ch			the second second second	nments	Units	Unit Charge	Total
	Well Control S				d Hatteberg	- 1		
V	Well Control Spe				vis Martel	1		
Si	HSE Special r. Well Conrol Er		4 er 4	919213	Baggett LaGrone	1		
	r. Well Conrol Er			A COLUMN TO THE REAL PROPERTY OF THE PARTY O	y Gomez	1	<del>- A</del>	
	. Well Control Sp				n Moran	1		
Sr.	Well Control Sp	eciali	ist 4	Bu	d Curtis	1		
C	General Daily Ex Hotel	pense	1			7		
	Equipment			Junk Shot	Manifold Stby	1		
	Rental Cars			darik Gijot	manifold Oldy	3		
				Estir	nated Daily Total			
				2.30				
			ed to surface with sev				7 P2 - P3 C	
-3/4" cas	sing to 990 ft. 7	casir	ng to 8,585 ft. 5-1/2" s	slotted liner to 8,745	ft. 2-7/8" tubing to 8	,510 ft. Packer	depth 8,468 ft.	
Hour					Activity or	Site		
5:30			tel - Arrive to site 3					
6;30			ly Operations meeting					
6:45			S25 check winds and I	LEL's. Slight wind o	out of west. SITP = 5	91 psi		
7:00 7:45	7 40000	in cr	ane id make up E-W/L lubr	ricator				
7:50			est lubricator 400/400		n each			
8:00			& RIH w/ pressure/ter					
9:30	Gath	er sup	oplies to make additio	nal guywires to secu	ure well			
10:15			w/ E-W/L tools					
11:10			of hole w/ W/L tools. ucks from site. Boom					
13:30			ucks from site. Boom site. Run guy-wire cal			de and north side	2	
15:00		= 582		oles to secure tree.	T OL GODIC OT WOST SI	de and hord sie		
15:45			e SS25 of all personn	el				
16:00	Depa	rt Alis	so Canyon					
				Proj	ected Operations			
					Approvals			
	Signature Cu	stom	er Representative			t Name	all fi	Date
					Mike	Dozier	+ + +	
						. All and a		5.1
Si	ignature Boots	and C	Coots Representative	e	Prin	t Name		Date
					Jim l	aGrone		
P.	onlaviae Nasee	_	House and a self-se	Tressel U	1 1	Empleyes No.	Dame or Cas #	Toursel Harry
	nployee Name chard Hatteberg		Hours on Location	Travel Hours 0.5		Jim LaGrone	Hours on Location	n Travel Hours
	Travis Martel	-	10	0.5		Rolly Gomez	10	0.5
	THE PERSON NAMED OF T	-		0.5		tivil sullive	100	0.0
	Juan Moran	- 1	10	0.0				
	Juan Moran Bud Curtis		10	0.5				

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Copts Date: 23-Jan-2016 Well Name and Number: Porter #39A Report # 40 **Customer Name:** Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Relief Well Report Generated By: John Hatteberg Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 0 Well Control Engineer Arash Haghshenas General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH Rental Car WC Estimated Daily Total Well Summary Hour Hour Activity on Site Continued running in hole with 8-1/2" cleanout assembly from 6,500' MD to 8,403' MD. Pumped two 40 barrel high viscosity sweeps. Pulled out of hole from 8,403' MD to 3,648' MD. Ran back in hole to 8,403' MD. Circulated hole clean while rotating and reciprocating drill string. 0:00 14.00 Pumped additional two 40 barrel high viscosity sweeps. Pulled out of hole to 3,682' MD. Dropped 2-5/8" rabbit with 110' wire attached. Continued pulling out of hole. Retrieved 2-5/8" rabbit. Laid down cleanout assembly. Rigged up 7" liner running equipment and tubular pick up machine. Made up 7" float shoe, two 7" 26# L80 joints with pip tag made up in 0:00 middle of connection, float collar, one 7" 26# L80 join, 7" landing collar. Shhoe track was thread locked and centralized. Continued running 14:00 in hole with 7" liner to 3,650' MD midnight depth. Applied 8-1/2" centralizers to middle of each joint with 2 stop collars. **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 23-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	Date:	24-Jan-2016		Well Name and Nu	nber: S	tandard Sesnon 25 R	teport# 9		
C	and the second s	Southern California Ga	as Company		unty:	Los Angele	Cal Branch and Co.		
Cuetomar	illing Address:	12801 Tampa Ave., SC			State:	California			
oustomer E		Northridge, CA, 9132			intry:	USA			
3	AFE#:		17	Well Loca	The first of the second		Aliso Canyon Storage Facility		
	Representative:			Well		Gas			
Report	Generated By:				Type:	Well Contro	ol		
	3050-3000-30	Standard Sesnon 25			g No:	N/A			
	ption of Charge		-1-2000	ments	Units	Unit Charge	Total		
	Control Special			Hatteberg	1				
	Control Specialist			Martel	1				
	SE Specialist	4	21321321	Baggett	1				
	I Conrol Enginee I Conrol Enginee			Grone Gomez	1				
	Control Enginee			Moran .	1				
	Control Special			Curtis	1				
or ive	Joing of Special		EUQ I	Suido	-				
Gene	al Daily Expense	1.1			7				
Jene	Hotel				7				
	Equipment		Junk Shot N	lanifold Stby	1				
	Rental Cars				3				
			Fetime	ated Daily Total					
			- Faul III						
andard Sons	n 25 has broach	ed to surface with seve	eral fissures on nad o	site					
				t. 2-7/8" tubing to 8,510 ft.	Packer den	th 8 468 ft			
	- Doort r basit	g 10 0 000 /t. 0-1(2. 3)	ence man to biras h		, acres uep	11. 5/100 IL			
Hour	Demonstration	a) Ababas 45 -W- 6		Activity on Site					
5:30		el - Arrive to site 3							
6:30		ly Operations meeting	and I El la Characa	and and afthe weath City	- EGE				
7:00 7:30		ly Operations meeting		vind out of the north. SITP	- 505 psi				
7:30				ional guidelines to tree					
8:00				of 8 guy wires secured to a	nchore				
0.00				esentatives on Site SS25 for					
11:30	lunch	ounty I	no ookannient ishii	PERMITTED OF ONE DOZD	- mepoenen				
13:00	100.000	ite. Close valve on no	rth side of injection t	ee. Bleed off pressure and	remove ore	ssure sensor			
13:30		DOGGR representativ				(***(M#)			
13:45				ree. Iron is run down bridg	e. Install 2"	tee, lo-torque vavles and	pressure senso		
14:30		on injection tee to pre			e mesen A	and the said of the time with	F. 25131,0 S.51,00		
15:00		of all personnel							
16:00	Depart Alis								
			4.67	0.00					
				2502 Ch					
			Projec						
				ted Operations					
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				eted Operations					
			- 19						
Sid	nature Custom	er Representative	1	Approvals		ų.	Date		
Sig	gnature Custom	er Representative					Date		
Sig	gnature Custom	er Representative		Approvals			Date		
				Approvals Print Name			Date		
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		er Representative Coots Representative		Approvals Print Name Mike Dozier					
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				Approvals Print Name Mike Dozier Print Name					
Signal	ure Boots and (		Travel Hours	Approvals Print Name Mike Dozier Print Name Jim LaGrone	ree Name	Hours on Location	Date		
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Signal  Employ Richard	ure Boots and ( ee Name Hatteberg	Coots Representative  Hours on Location	Travel Hours	Approvals Print Name Mike Dozier Print Name Jim LaGrone	ree Name aGrone	10	Date Travel Hours 0.5		
Signal  Employ Richard Travis Juan	ure Boots and C ee Name Hatteberg Meriel	Hours on Location	Travel Hours 0.5 0.5	Approvals Print Name Mike Dozier Print Name Jim LaGrone	ree Name aGrone	10	Date Travel Hours 0.5		
Signat Employ Richard Travis Juan Bud	ure Boots and C ee Name Hatteberg Martel Moran	Hours on Location  10  10  10	Travel Hours 0.5 0.5 0.5	Approvals Print Name Mike Dozier Print Name Jim LaGrone	ree Name aGrone	10	Date Travel Hours 0.5		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice, Houston, TX. 77066 281-931-8884 Brace & Codes Date: 24-Jan-2016 Well Name and Number: Porter #39A Report # 41 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Units Level Comments Unit Charge Total Well Control Engineer John Hatteberg 3 Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JHAVC 2 JHAVC Hotel 2 Rental Car JH WC Rental Car 1 **Estimated Daily Total** Well Summary Hour Activity on Site Hour Continued running in hole with 7" 26# L80 liner to 5,015' MD. Made up 7" x 9-5/8" liner hanger assembly. Continue running in hole from 0:00 8:30 5,015' MD to 8,401' MD. Circulated bottoms up. Dropped liner setting ball. Set hanger with 2,200 psi. 7" liner shoe at 8,401' MD with top of 7" liner at 3,353' MD, Pressured up on work string and blew ball & seat with 2,800 psi. Regained circulation. Tested cement pump lines to 4,500 psi. Pumped 150 bbls 8.6 ppg spacer at 5 bpm, 20 bbls of 11.0 ppg spacer at 5 bpm, 80 bbls of 14.8 ppg lead slurry at 5 bpm, 74 bbls of 14.8 ppg tall slurry at 4.4 bpm. Dropped drill pipe wiper dart and displace cement with 190 bbls of 8.9 15:30 8:30 ppg Polytek mud at 5 bpm, 50,9 bbls of 11.0 ppg spacer at 5 bpm while slowing to 2 bpm. Bumped plug 1000 psi over FCP to 2,690 psi and hel 5 minutes. Checked that floats held. Set liner packer. Unstung from packer and circulated casing clean. 15:30 0:00 Rigged up lay down machine. Set up pipe racks. Began laying down 5" drill pipe. **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 24-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours 10 John Hatteberg Wayne Courville 10 Arash 11

Total Man-hours for Noted Date:



				Pre & coors service				
		25-Jan-2016 Southern California Ga	o Company	Well Name and Num Cou		andard Sesnon 25 F Los Angele	Report# 9	
	THE PERSON NAMED IN	12801 Tampa Ave., SC	THE RESERVE OF THE PARTY OF THE		ate:	California		
Customer B	silling Address:	Northridge, CA, 9132	100111111111111111111111111111111111111	Coun	22.2	USA		
	AFE#:			Well Locat	ion:	Aliso Canyon Stora	ge Facility	
	Representative:			Well Ty		Gas		
	Generated By:			Job Ty		Well Contro	ol	
		Standard Sesnon 25		Rig		N/A		
	ption of Charge Il Control Special		The second secon	ments	Units	Unit Charge	Total	
	Control Specialist			Richard Hatteberg 1 Trayis Martel 1		-		
	SE Specialist	4		ike Baggett 1		_		
	I Conrol Engine			aGrone	1			
Sr. We	I Conrol Engine	97 4	Rolly	Gomez	1	- 3		
Sr. Well Control Specialist Sr. Well Control Specialist				Moran	1			
		ist 4	Bud	Curtis	1			
Cono	ral Daily Expense	1			-7	_		
Gene	Hotel				7			
- 7	Equipment		Junk Shot N	Manifold Stby	1			
	Rental Cars		2000		3			
			Estim	ated Daily Total				
andard Sense	on 25 has broach	ned to surface with seve	ral fissures on pad	site				
-3/4" casing t	o 990 ft. 7" casir	ng to 8,585 ft. 5-1/2" sl	otted liner to 8,745 f	ft. 2-7/8" tubing to 8,510 ft. F	acker depth	1 8,468 ft.		
Hour	1.1			Activity on Site				
5:30	Depart Ho	tel - Arrive to site 3						
6:30		ily Operations meeting						
7:00				g wind out of the north. SITE	2 = 573  psi			
7:30		ily Operations meeting					de 1/1	
9:00				ction. Onyx personnel on site skid steer to place cement blo			nifold.	
11:30				SS25 for tour and discuss re	11-4-1-1211003 003			
11:50	Lunch	oapstone (resour) rep	resemblifes on one	OCES for loar and discuss for	Sour Contin	igorioles		
13:00	Return to 3	Site SS25						
13:30				ranging, manpower, rig prep,	drillout			
13:45		representative on Site 5						
14:00		Unified Command on S						
14:45 15:30		hing the line into frac tar		SS25 inside of security cha				
16:00		e of all personnel	annoid notur of oile	3025 Inside of security Cria	(1)			
16:30		so Canyon						
-								
	-							
			Proje	cted Operations				
			110]6	-1- a a haramana				
				Approvals				
	gnature Custom	er Representative		Print Name			Date	
Sig				Van Jahren				
Sig				Mike Dozier				
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	ive Boots and	ACTOR REDIESENTATIVE		Print Name			Date	
	ture Boots and (	ooto i topi countante		Jim LaGrone				
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Signat						-		
Signat	ee Name	Hours on Location	Travel Hours	Employe		Hours on Location	100 100 100 100 100 100 100 100 100 100	
Signat Employe Richard I	ee Name Hatteberg	Hours on Location	0.5	<b>Employe</b> Jim La	Grone	10	Travel Hours	
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Signat Employ Richard I Travis Juan	ee Name Hatteberg Moriel Moran	Hours on Location 10 10 10	0.5 0.5 0.5	<b>Employe</b> Jim La	Grone	10	0.5	
Signat  Employ  Richard I  Travis  Juan  Bud	ee Name Hatteberg Martel	Hours on Location	0.5 0.5	<b>Employe</b> Jim La	Grone	10	0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 25-Jan-2016 Well Name and Number: Porter#39A Report # 42 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** USA Northridge, CA 91326 Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total Well Control Engineer John Hatteberg 3 Well Control Engineer 3 Wayne Courville 2 Arash Haghshenas Well Control Engineer 0 JHAVC 2 General Daily Expenses 2 JHAVC Hotel Rental Car JH WC Rental Car 1 Estimated Daily Total Well Summary Activity on Site Hour Hour Rigged down lay down machine. Rigged up lay down machine. Laid down 50 joints excess 5" drill pipe. Rigged down lay down machine. 0:00 6:00 Offloaded and set on pip racks 151 joints of 3-1/2" X95 15.50# drill pipe and 30 joints of 3-1/2" HWDP. Flushed BOP stack. Swapped 3-1/2" X 5" VBRs to top ram cavity and 5" pipe rames to lower ram cavity. 6:00 12:00 Rigged up and tested BOPs. 300 psi low / 5,000 psi high held 20 minutes each with fresh water. Annular tested 300 psi low and 3,600 psi 12:00 0:00 hgih 20 minutes. Completed 9 of 14 tests at Midnight. **Projected Operations** Approvals Print Name Date Signature Customer Representative Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 25-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 11 Arash Total Man-hours for Noted Date:



	Date:	26-Jan-2016		Well Name and Number	Stand	Standard Sesnon 25 Report #			
3	Customer Name:	Southern Californ		County		Los Angele			
Customer	Billing Address:	12801 Tampa Ave		State		California			
Sustomer		Northridge, CA,		Country:		USA			
	AFE#:			Well Location:		Aliso Canyon Storage Facility			
	Representative:			Well Type:		Gas			
Repo	rt Generated By:		05	Job Type:			Well Control		
	. 30 50 50 50 50 50	Standard Sesnon		Rig No:	-	N/A			
	ription of Charge		74	CATOLIC	nits	Unit Charge	Total		
	Vell Control Special		A CONTRACTOR OF THE CONTRACTOR	Hatteberg	1				
	Il Control Specialist			Martel	1				
	HSE Specialist	4 er 4		Baggett aGrone	1				
Sr. Well Conrol Engineer			NT 21212	1					
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	ell Control Special			Curtis	1				
J. 17	o o i a o i o poola i	2	Dod	2000	*				
Gen	neral Daily Expense	1			7				
	Hotel				7				
	Equipment		Junk Shot I	Manifold Stby	1				
	Rental Cars				3				
		•	Estim	ated Daily Total					
andard Sen	son 25 has broach	ed to surface with	several fissures on pad	site					
				t. 2-7/8" tubing to 8,510 ft. Paci	er depth 8.	468 ft			
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6:30		ly Operations med							
7:00				high winds from the north, unfav	orable for o	rane work			
7:30			eting conference call w/ F			ii viit			
8:00			ntatives on Site SS25 for						
10:30			tremely high wind conditi						
Carre .					alka as a substitut	s and distance of all the same	onte		
		A S. W. S.	ots & Coots Safety Officer met w/ SoCal Safety and Logistics personnel to discuss site security, regulator requirements						
	and future	plogistics needs							
11:30		logistics needs		a cognicio personner to disease	site security	y, regulator requireme	61113		
	Lunch		conditions from Site SS			y, regulator requireme	ento.		
11:30 13:00 15:00	Lunch	o monitor weather	conditions from Site SS	Very high winds from the north		y, regulator requireme	onto		
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice: Houston, TX. 77066 281-931-8884 Booce & Cones Date: 26-Jan-2016 Well Name and Number: Porter#39A Report # 43 Southern California Gas Company **Customer Name:** County Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Well Type: Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Ensign 587 Rig No: Description of Charges: Units Total Level Comments Unit Charge Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 2 General Daily Expenses JHAVC JHAVC Hotel Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site 5:00 Continued pressure testing stack. 300 psi low / 5,000 psi high held 20 minutes each with fresh water. Completed 14 tests. Pulled test plug. 0:00 5:00 6:00 Rigged up 3-1/2" drill pipe handling tools. 8:00 Established flow rates from vertical tanks to pits. Departed hotel for location at 0630 hrs. 6:00 Rigged up drll pipe pick up machine. Made up 6-1/8" mill tooth bit and sub. Ran in hole picking up 3-1/2" HWDP and 4-3/4" jars 903'. Slipped and cut 120' drilling line. Re-set and function tested C-O-M. 18:00 8:00 Serviced rig equipment. Pulled out of hole and racked back the 3-1/2" HWDP. Ran in hole picking up 102 joints 3-1/2" 15,50# X95 drill pipe. Pulled out of hole and racked 3-1/2' drill pipe in derrick. Departed location for hotel at 15:30 hrs. Tested delivery rates from rig's active tank through kill line with centrifugal charge pumps 1 & 2. 18:00 18.30 Ran in hole with 6-1/8" bit and 3-1/2" HWDP. Attempted to circulate, pipe plugged. Pulled out of hole and cleaned rust debris from bit sub 18:30 0:00 and bit. Ran in hole with 3-1/2" HWDP open ended. Pumped through sting to remove debris. Pulled out of hole with 3-1/2" HWDP. Ran in hole with 34 stands of 3-1/2" DP, pumped through same to remove debris. **Projected Operations** Approvals Signature Customer Representative Print Name Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 26-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 9 Wayne Courville 9 Arash 10 Total Man-hours for Noted Date:



	Date:	27-Jan-2016		Well Name and Number: Stan		Standard Sesnon 25 Report #					
Cu	The second secon	Southern California	Gas Company		100	Los Angele					
Customer Di	lling Address:	12801 Tampa Ave.		Sta	e:	California					
oustomer Bi	The second second	Northridge, CA, 9		Count		USA					
	AFE#:			Well Location	100	Aliso Canyon Storage Facility					
	epresentative:	L.		Well Typ		Gas					
	Generated By:			Job Typ		Well Contr	ol				
	A0 2 A STANDED	Standard Sesnon 2		Rig N		N/A					
	tion of Charge			ments	Units	Unit Charge	Total				
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	E Specialist	4		Baggett	1						
Sr. Well Conrol Engineer Sr. Well Conrol Engineer				aGrone Gomez	1	-					
Sr. Well Control Engineer Sr. Well Control Specialist				Moran	1						
	Control Special			Curtis	1						
Oi. Ivell	Contact Opecial	4	500	e al to	4						
Genera	I Daily Expense	1			7						
Concla	Hotel				7						
E	quipment		Junk Shot I	Manifold Stby	1						
	ental Cars		1		3						
		- I	Estim	ated Daily Total							
andard Sensor	n 25 has broach	ed to surface with	several fissures on pad	site							
				ft. 2-7/8" tubing to 8,510 ft. Pa	cker dent	th 8.468 ft.					
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		V-1-1-1									
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This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Conts Porter #39A Date: 27-Jan-2016 Well Name and Number: Report # 44 **Customer Name:** Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Units Total Description of Charges: Comments Level Unit Charge Well Control Engineer John Hatteberg 3 3 Wayne Courville Well Control Engineer Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC Hotel 2 Rental Car JH 1 Rental Car WC 1 **Estimated Daily Total** Well Summary Activity on Site Hour Hour Pulled out hole hole with 3-1/2" DP. Picked up 48 joints of remaining 3-1/2" X95 15.5# drill pipe and ran in hole and circulated. Pulled out of 0:00 4:00 Made up 6-1/8" bit and staged in hole with 3-1/2" HWDP, 3-1/2" drill pipe and 5" drill pipe to 8,286' = 7" landing collar. Observed no cement when entering 7" liner top at 3,353'. Circulated and condition mud 8.8 ppg mud in/out. Rigged up pump truck. Pressure tested 7" liner, 7" by 9-5/8" lap and 9-5/8" casing 3000 psi for 15 minutes on chart (Good test). Tested mud delivery to well bore with rigs charge pump through 3" kill line. Charge pumps was unable to deliver mud. Removed check valve on kill line. Re-tested mud delivery 4:00 16:30 through kill line and observed 2.5 bpm. Drilled out landing collar at 8,286', Drilled out hard cement from 8,287' to 8,323'. Drilled out float collar at 8,323'. Drilled out hard cement from 8,324' to 8,400'. Drilled out shoe from 8,400' to 8,401'. Clean out hole from 8,401' to 8,403'. Departed hotel for location at 0630. Departed location for hotel at 1630 hrs. Drilled 10' new formation from 8,403' to 8,413'. Circulated hole clean. Mud weight in/out 8.8 ppg. Rigged up Halliburtons pump truck. Tested 0:00 lines 4000 psi. Attempted to performed FIT to 15.3 EMW. Formation broke down at 1080 psi and stabilized at 1000 psi in 5 minutes. 16:30 Captured 11,2 ppg EMW. Circulated bottoms up. Checked and no flow, Pulled out of hole from 8,413'. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 27-Jan-16 **Employee Name** Travel Hours **Employee Name** Hours on Location Travel Hours Hours on Location John Hatteberg 8 Wayne Courville 9 10 Arash

Total Man-hours for Noted Date:



	-			& GOOTS SERVICE		Report#   9	
		28-Jan-2016		Well Name and Number:	Standard Sesnon 25 Report # Los Angeles		
	A STATE OF THE PARTY OF THE PAR	Southern California Ga 12801 Tampa Ave., SC	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	County:	California		
Customer B	illing Address:	Northridge, CA, 9132	100 L 10	Country:	USA		
	AFE#:	Transfer de la constante de la	-	Well Location:	Aliso Canyon Stora	ge Facility	
	Representative:			Well Type:	Gas		
	Generated By:			Job Type:	Well Contr	ol	
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	ption of Charge		Comme		Unit Charge	Total	
	Control Special		Richard Ha Travis M				
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- 7	Equipment		Junk Shot Ma				
	Rental Cars		ALID DISC WID	3			
			Estimate	ed Daily Total			
andard Senso	n 25 has broach	ed to surface with seve	ral fissures on pad sit	e	- PV-00 C		
-3/4" casing t	o 990 ft. 7" casir	ng to 8,585 ft. 5-1/2" slo	otted liner to 8,745 ft.	2-7/8" tubing to 8,510 ft. Packer of	epth 8,468 ft.		
Hour				Activity on Site			
5:30	Depart Ho	tel - Arrive to site 3					
6:30	Attend Da	ly Operations meeting					
7:00		Site SS25, check winds					
7:30		ly Operations Conferen					
8:00		DOGGR representativ					
8:15		l bags as needed to red in on roadside to site	configure mist extracto	rtrays			
10:00			nressure/temperature	data transmitter system			
10:30		es to frac tanks. Set rol					
11:30	Lunch						
12:30			econd roll off bin. So(	Cal Safety and Unified Command a	t Site SS1 to inspect site	_	
		evacuation route.					
13:00				on same site working on data ante	nna		
13:45 14:50		ered light plant to site a DOGGR representative		spection			
15:45		ation of all personnel	es on one doza for in	speciali			
16:00		so Canyon					
	-						
			Drojente	ed Operations			
			riojecte	Paramerik			
	0		Ar	pprovals			
Sig	nature Custom	er Representative		Print Name		Date	
				A			
				Mike Dozier			
Signat	ure Boots and	Coots Representative		Print Name		Date	
Signat	ure books and t	Joots Representative		Fint Name		Date	
				Jim LaGrone			
	ee Name	Hours on Location	Travel Hours	Employee Name	Hours on Location	Travel Hours	
	latteberg	10	0.5	Jim LaGrone	10	0.5	
	Martel	10	0.5	Rolly Gamez	10	0.5	
Travis							
Travis Juan	Moran	10	1000	1	+		
Travis Juan Bud (		10	0.5 0.5				

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Boots & Conte X SHALLED Date: 28-Jan-2016 Well Name and Number: Porter#39A Report # 45 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 USA Country: Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Ensign 587 Rig No: Description of Charges: Unit Charge Units Level Comments Total Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site Closed blind rams. Removed bell nipple from BOP stack. Welder installed two 4" outlets to bell nipple. Re-installed bell 0:00 6:00 nipple. Installed low pressure gauges to mud pumps 1 & 2 charge pump discharge plumbing. Made up 6-1/8" bit (No mud motor). Load probe, Up load GWD/LWD BHA, Ran hole to 520', Perform shallow test, (neg), GWD tools not working. Trouble shooting GWD/LWD tool failure. Pulse tool would not send pulses to surface. Changed transducer at surface. Pulled tools back to surface. Picked up the back up positive pulse tool. Shallow tested tools at 521' (Alls good). Ran in hole from 521' to 8,413'. Installed 6:00 WWT rubbers on 3-1/2" drill pipe (Stands 36 - 45). Broke circulation. Captured GWD surveys at 8,412', 8,402', 8,392', 8,382' & 8,372'. Checked and no flow. Pulled out of hole from 8,413' to 4,291' (Midnight depth). Departed hotel for location at 0630 hrs. Departed location for hotel at 1630 hrs. **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Signature Boots and Coots Representative Print Name Date John Hatteberg 28-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



			mo	THE COUTS SERVICES		
		29-Jan-2016		Well Name and Numbe		Report# 9
Ci	stomer Name:	Southern California Ga 12801 Tampa Ave., SO		County		*
Customer B	illing Address:	Northridge, CA. 9132		Country		
	AFE#:			Well Location		311-1
Customer F	Representative:			Well Type		
Report	Generated By:			Job Type		
		Standard Sesnon 25		Rig No		
	ption of Charge		- 1	March 12 mar	Inits Unit Charge	Total
	Il Control Special Control Specialist			Hatteberg	1	
	SE Specialist		4 Travis Martel 4 Mike Baggett		1	
	I Conrol Engine		9192134.9	Grone	1	
Sr. We	I Conrol Engine	or 4	Rolly	Gomez	1	
Sr. Well Control Specialist Sr. Well Control Specialist				Moran	1	
		st 4	Bud	Curtis	1	
Cana	al Daily Evanya	4			7	
Gene	ral Daily Expense Hotel	1			7	
	Equipment		Junk Shot N	lanifold Stby	1	
	Rental Cars		San Sijet (V		3	
			Estima	ated Daily Total		
5:30 6:30 7:00 7:30 7:45 9:40 11:30 12:30	Attend Dai Arrive on S North winc Attend Dai SoCal and Stage crar Perform ra Lunch Return to S Remove a Rig down	ly Operations Conferer DOGGR representative at curve of access re dio check w/ Relief We Site SS25 and move in Il de-mister pads from to crane. Haul off 1st roll- maha drill between reli	e work. BCI on Site to call w/ Regulator es on Site SS25. Wad to Site SS25. Will Rig floor, good concrane and rig up. Rerays and place in rol off bin. Call for sting ef well rig (Porter 39)	SS25 to maintain track-hoe s faiting on wind to remove de-mis aiting on wind ns emove both trays from east sid l-off bins per truck to haul off larger collect A) and Site SS25. Good come	e of crater bridge. tion tray (Tray #1 closest to	crater bridge)
14:45		ne on Site SS25, Load	THE R. P. LEWIS CO., LANSING MICH.	to decon site.		
15:40 15:50		Site SS25 for orientati e SS25 of personel	on			
16:00	and the second s	e SS25 of personel				
10.00	Depart Alls	o Sanyon		V-71-5-5-5-1		
	Note: Om	aha is code word for co	mplete losses in ann	nulus of Porter 35A Relief Well		
			Desta	eted Operations		
			Projec	neu Operations		
			19	Approvals		
Si	gnature Custom	er Representative		Print Name	11/1	Date
				NATIONAL CONTRACTOR		
				Mike Dozier		
	ura Roote and (	Coots Representative		Print Name		Date
Cional	ure boots and (	Joots Representative		Print Name		Date
Signat				Jim LaGrone		
Signat					100	
	9	Employee Name Hours on Location Travel H		Employee N		
Employ		Hours on Location	Travel Hours	Em 1 - Oc-	10	n c
Employ Richard I	latteberg	10	0.5	Jim LaGro Rolly Gom		0.5
Employ Richard I Travis	Hatteberg Martel	10 10	0.5 0.5	Jim LaGro Rolly Gom		0.5
Employ Richard I Travis Juan	latteberg	10	0.5			
Employ Richard I Travis Juan Bud	Hatteberg Mariel Moran	10 10 10	0.5 0.5 0.5			

7047 W. Greens Rd. Houston, TX. 77066



			Services.		Boats &	in devines	-			
	2000		29-Jan-2016			Well Name and Number:		Porter#39A	Report # 46	
	Custon	ner Name:	Southern Californ 12801 Tampa Av	Daniel State of the State of th			Los Ang			
Custo	mer Billing	Address:	Northridge, CA 9			Region: Country:		California USA		
	Purchase Order#			Well Loc		Alsio Canyon St				
Customer Representative: Todd Van de Putte, Mike Dozie Report Generated By: John Hatteberg			er				Well			
			Job Type:			Relief \				
			Porter 39A			F	Rig No:	Ensign	~~~	
		f Charges:		1	Comments  John Hatteber		Units	Unit Charge	Total	
Well Control Engineer Well Control Engineer		3		Wayne Courvil		1	-			
	Vell Control		2		Arash Haghsher		0	-7		
	eneral Daily				JH/WC		2			
	Hote				JH/WC		2	50		
	Rental		Site		JH		1			
	Rental	Car			WC		1			
			-	-40	Estimated D	aily Total				
					Well Sur					
lour	Hour					Activity on S	ite			
0:00	0.00	Continued pulling out of hole from 4,291' MD.								
	2;30	Continued	pulling out of hol	e from 4,291'	MD.					
2:30	9:30	Rigged up Schlumbe	Schlumberger E rger E-line equipr	line equipme nent.	nt. Ran in hole an			Ray log from 8,401' to		
2:30	1	Rigged up Schlumbe Made up of drilling tea time: Conf from 8,413	Schlumberger E rger E-line equipr directional BHA w am. Drills witnessettinued to run in ho 3' MD to 8,450' M	line equipment.  th 6-1/8" Kyrr  d by DOGGR  le from 5,412  D. Slid 60% a	nt. Ran in hole and nera PDC bit. Ran R, LA County Fire I 2' MD to 8,413' MD and rotated 40%. C	n in hole from 462 Department, SoC D. Performed mud Circulated hole cle	"MD to 5,412" alGas reps, Bo motor/MWD b an. Pumped o	Ray log from 8,401' to MD. Performed 2 sever ots & Coots reps & oth eed down test. Directi ne 30 bbls high viscosi 04' MD (Midnight depti	e loss circulation drills ers. Excellent response onal drilled 6-1/8" hole ty sweep while rotating	
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			MO	Ta a coors services				
	Date:	30-Jan-2016		Well Name and Numb	ndard Sesnon 25 Report # 5			
Ci	ustomer Name:	Southern California C	Married Control of the Control of th	Coun	ty:	Los Angele	s	
Customer B	silling Address:	12801 Tampa Ave., S		Sta	2.2	California		
		Northridge, CA, 913	326	Count		USA	- 49	
Contomos	AFE#:			Well Location		Aliso Canyon Storage Facility  Gas		
	Representative: Generated By:			Well Type: Job Type:		Well Contro	ol.	
		Standard Sesnon 25		Rig		N/A	01	
	ption of Charge	Andreas and the Angel and the		ments	Units	Unit Charge Total		
	I Control Specia	Committee of the Commit	- 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Hatteberg	1	- Interest	75.11	
	Control Specialis			Martel	1			
H	SE Specialist	4	Mike E	Mike Baggett				
	I Conrol Engine		Jim La	Grone	1			
Sr. Well Control Engineer Sr. Well Control Specialist				Gomez	1			
				Moran	1			
	Control Special	list 4		Curtis	1			
2.7	SE Specialist ral Daily Expense	e 1	Joe Kenn	edy (N/C)	7			
Gene	Hotel				7			
- 3	Equipment		Junk Shot M	lanifold Stby	1	1		
	Rental Cars		Sana Shot IV	Control or set	3			
"		- V	Estima	ated Daily Total				
			-2.111	2	_			
andard Senso	on 25 has broach	ned to surface with se	veral fissures on pad s	site				
				t. 2-7/8" tubing to 8,510 ft. Pa	acker depth 8	,468 ft.		
Hour		21042-0328-2		Activity on Site	A	20.22 322		
5:30	Depart Ho	itel - Arrive to Site 3		10001-0 300-016				
6:30		ily Operations meeting	2					
7:00	100000000000000000000000000000000000000	Site SS25 check wind		583 psí				
7:30	Attend Da	ily Operations confere	nce call with Regulato	ors				
		rand and rig up counte						
8:00				mand reprentatives on Site SS				
8:30	Held tailga	ite safety meeting. Cl	ose in tubing wing val	ve, bleed off flowline and disc	onnect from 2	K-mas tree.		
				bing underneath. Pick up 60'			th	
10.20				bridge and remove cribbing a	nd set bridge	on skid		
10:30 11:30		rane. Re-tighten guid	elines as needed					
12:40	Lunch Return to	site. Place mne hard	er around crater. Ren	Ground wire from bridge to S	kid (Trav #2)	5		
12.70		ety cones around bridge		Stratia with mount bridge to o	ma (may #2)			
13:30				on. Western W/L on site work	ing on data tr	ansmission system		
14:15		resentative on site for						
14:45	SoCal, Pu	blic Utilities Commiss	ion, DOGGR & Blade	Engineering representatives	on site for insp	pection.		
15:30	and the second s	te SS25 of all personn	iel					
15:45	Depart Ali	so Ganyon						
			Desta	ated Operations				
			Projec	eted Operations				
				A pprovale				
Sid	nature Custom	ner Representative		Approvals Print Name		11/4	Date	
)اد	grinding Gustoll	na napresentative		Entriname			Date	
				Mike Dozier				
	ture Boots and	Coots Representativ	e	Print Name			Date	
Signat				Jim LaGrone				
Signat				Employee	Name	Hours on Location	Travel Hours	
	ge Name	House on Location					100 100 100 100 100 100 100 100 100 100	
Employ	ee Name	Hours on Location	Travel Hours	Jim LaCo		111	0.5	
Employ: Richard I	Hatteberg	10	0.5	Jim LaGi Rolly Go		10	0.5	
Employ Richard I Travis		A REPORTED OF THE CHARLES	MOR. 9 (4) 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Jim LaGi Rolly Go		10	0.5 0.5	
<b>Employ</b> i Richard I Travis Juan	Hatteberg Mariel	10	0.5 0.5					
Employ Richard I Travis Juan Bud	Hatteberg Martel Moran	10 10 10	0.5 0.5 0.5					

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX, 77066 281-931-8884 Date: 30-Jan-2016 Well Name and Number: Porter#39A Report # 47 Southern California Gas Company Customer Name: County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC Hotel 2 Rental Car JH Rental Car WC Estimated Daily Total Well Summary Activity on Site Hour Hour 0:00 3:00 Continued pulling out of the hole from 5,204' MD with directional BHA. Stood back GWD/LWD and laid down mud motor. Made up gyro BHA. RIH to 8,450' MD. Captured GWD surveys at 8,450' MD, 8,440' MD, 8,430' MD, 8,420' MD & 8,410' MD. Performed 2 lost circulation drills with the drilling team. Pulled out of hole from 8,450' MD to pick up directional BHA. Shut down operations due to site 3:00 14:30 tour for OSHA from 1300 hrs to 1400 hrs. Departed hotel for location at 0630 hrs. Stood back BHA. Reviewed Kill Operations Procedures Document with SoCalGasCo, B&C and Conultants from 0900 hrs to 1130 hrs. Rigged up Halliburton's E-Line equipment with Sperry WellSpot Ranging tools, Ran in hole and performed open hole WellSpot 18:30 Ranging Run #22 on bottom at 8,450' (results attached). Pulled tools back to surface. Rigged down Sperry WellSpot Ranging tools and 14:30 Halliburton's E-Line equipment. Departed location for hotel at 1630 hrs. 18:30 0:00 Made up directional BHA. Ran in hole to 8,450' MD (Midnight Depth). **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 30-Jan-16 Hours on Location **Employee Name Employee Name** Travel Hours Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 11 Total Man-hours for Noted Date:



	Date:	31-Jan-2016		Well Name and Number:	Standard Sesnon	25 Report# 9		
C	And the second s	Southern California Ga	s Company	County:		s Angeles		
Customer	Billing Address:	12801 Tampa Ave., SC		State:		California		
Customer I		Northridge, CA, 91320	6	Country:		USA		
	AFE#:			Well Location:	Aliso Cany	Aliso Canyon Storage Facility Gas		
	Representative: t Generated By:	lim La Grono		Well Type:	100	lell Control		
Kepon		Standard Sesnon 25	-	Job Type: Rig No:	VV	N/A		
Descr	iption of Charge	And the second s	Com	ments Un	its Unit Cha	A 100		
	ell Control Special		The second secon	Hatteberg 1	Other Other	ing.		
Well	Control Specialist	1 4		Martel 1	PSS II			
	HSE Specialist	4		Baggett 1				
	ell Conrol Enginee			aGrone 1	_			
	ell Conrol Enginee			Gomez 1				
	Il Control Speciali			Moran 1 Curtis 1	-			
	HSE Specialist	, a		nedy (N/C)				
	eral Daily Expense	1	2321310	7				
	Hotel			7				
	Equipment		Junk Shot N	Manifold Stby 1				
	Rental Cars			3				
			Estima	ated Daily Total				
		ned to surface with seve			or donth 0 400 4			
	to 990 ft. /" casir	ig το ο <sub>1</sub> 365 π. 5-1/2" slo	otted liner to 8,745 f	t. 2-7/8" tubing to 8,510 ft. Packet	и черт 6,466 п.			
Hour		ALL ALL PARTS		Activity on Site				
5:30 6:30		tel - Arrive to Site 3 ily Operations meeting						
7:00			and (El's Heavy)	Fog w/ light mist. B&C HSE Spec	islist met w/ Unified Co	ommand about storm		
7:30		ily Operations meeting			unst met w onmed o	orning about starri		
7:45		DOGGR representative						
8:00		V/L on Site SS25 working		sion system				
9:30		rain picking up on Site S						
11:00		ard. Good drainage on	site, little water ente	ering crater. Sand bags diverting	rain			
11:30 12:30	Lunch	rm conditions						
15:00		ation, no visible change	to crater I ocation	still draining well				
1.71104		e of all personnel	so orator. Econorii	still stalling from				
15:30	Secure site							
	Secure site Depart Alis							
15:30	Secure site							
15:30	Secure site							
15:30	Secure site							
15:30	Secure site							
15:30	Secure site							
15:30	Secure site							
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15:30	Secure site							
15:30	Secure site							
15:30	Secure site		Projec	cted Operations				
15:30	Secure site		Projec	cted Operations				
15:30	Secure site							
15:30 16:00	Secure site	so Canyon		Approvals	,Tr	Date		
15:30 16:00	Secure site					Date		
15:30 16:00	Secure site	so Canyon		Approvals		Date		
15:30 16:00	Secure site Depart Alis	so Canyon		Approvals Print Name		Date Date		
15:30 16:00	Secure site Depart Alis	so Canyon  ner Representative		Approvals Print Name Mike Dozier				
15:30 16:00 Signa	Secure site Depart Alis ignature Custom ature Boots and (	ner Representative		Approvals Print Name Mike Dozier Print Name Jim LaGrone	16 Hours on L	Date		
15:30 16:00 Signa Employ	Secure site Depart Alis ignature Custom ature Boots and (	so Canyon  ner Representative		Approvals Print Name Mike Dozier Print Name		Date		
Signa Employ Richard	Secure site Depart Alis ignature Custom ature Boots and (	ner Representative  Coots Representative	Travel Hours	Approvals Print Name Mike Dozier Print Name Jim LaGrone Employee Nam		Date ocation Travel Hours		
Signa Employ Richard Travis	Secure site Depart Alis  ignature Custom ature Boots and Custom yee Name [Hatteberg]	The Representative  Coots Representative  Hours on Location 10 10 10	Travel Hours 0.5 0.5 0.5	Approvals Print Name Mike Dozier Print Name Jim LaGrone Employee Nam Jim LaGrone	10	Date  ocation Travel Hours  0.5		
Signa  Employ Richard Travis Juan Bud	Secure site Depart Alis  ignature Custom  ature Boots and Custom  yee Name [Hatteberg s Mariel	ner Representative  Coots Representative  Hours on Location 10 10	Travel Hours 0.5 0.5	Approvals Print Name Mike Dozier Print Name Jim LaGrone Employee Nam Jim LaGrone	10	Date  ocation Travel Hours  0.5		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 31-Jan-2016 Well Name and Number: Porter#39A Report # 48 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Unit Charge Total Level John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH/WC Rental Car JH 1 Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site Directionally drilled 6-1/8" hole from 8,450' MD to 8,500' MD, Slid 38% and rotated 62%. Circulated hole clean. Pumped one 30 bbls high 0:00 9:00 viscosity sweep while rotating and reciprocating drill string. Checked and no flow, Pulled out of hole from 8,500°. Down loaded GWD/LWD tools. Laid down mud motor. Stood back GWD/LWD BHA. Departed hotel for location at Made up 6-1/8" bit (no motor) and Gyro/LWD BHA. Ran in hole to 8,500' MD. Captured Gyro surveys at 8,498' MD, 8,490' MD, 8,480' MD, 9:00 20:00 8,470' MD, 8,460' MD and 8,450' MD. Pulled out of hole from 8,450' MD. Rigged up E-Line equipment with WellSpot Ranging tools. Ran in hole and performed open hole WellSpot Ranging on bottom at 8,500' MD. 0:00 20:00 (RR23). Pulled tools back to surface. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 31-Jan-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 10 Wayne Courville Arash 11 Total Man-hours for Noted Date:



Cus		1-Feb-2016	- 0	Well Name and Number:	Standard Sesnon 25	Report# 10
Land Art and the	120120000000000000000000000000000000000	Southern California Ga 12801 Tampa Ave., SC		County: State:		ngeles ornia
Customer Bil	ling Address:	Northridge, CA, 9132		Country:		SA
	AFE#:			Well Location:		Storage Facility
	presentative:	L		Well Type:	G	as
	enerated By:	Colored Colore		Job Type:		Control
	ease - Well #: tion of Charge	Standard Sesnon 25	0	Rig No:	its Unit Charge	/A Total
and the contract of the second	Control Special	the second secon	The second secon	ments Ur Hatteberg		Total
	ontrol Specialis			s Martel	PERSONAL PROPERTY.	
HS	E Specialist	4	Mike	Baggett		
	Conrol Engine			aGrone		
	Conrol Engined Control Special			Gomez Moran		
	Control Special			Curtis		
	E Specialist			nedy (N/C)		
	I Daily Expense	1				
	Hotel		1 - 7 - 41	7.11.00		
	quipment		Junk Shot I	2 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Re	ental Cars		Carr	ated Daily Total	).	
			Eaulii	Dany Iolai		
andard Sensor	25 has broach	ed to surface with seve	eral fissures on pad	site		
				ft. 2-7/8" tubing to 8,510 ft. Pack	er depth 8,468 ft.	
Hour		- 11342-11249311		Activity on Site	on description	
5:30	Depart Ho	tel - Arrive to Site 3		9 0 - 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
6:30	Attend Da	ly Operations meeting				
7:00			and LEL's. Strong	wind from NNW. No visible chang	e in crater. Some rain wa	ter
7:45		SITP = 588 psi DOGGR representativ	no an oika far timer-	ction		
7:45		oll as relief well drills the				
12:30		@ 8530, 12 feet belov				
14:30	SoCal and	LACFD on site for insp				
	SITP = 60	4 psi				
16:30	Stay on Si	te SS25 until night crev	v arrive			
17:00 18:00		nge with night crew (Mo monitoring well thru th				
.5.50	Tight Stay	mannering wenting to	o mgm			
- 3						
17						
			<b>A</b> 3.27	1-10		
			Proje	cted Operations		
				Approvals		
	nature Custom	er Representative		Print Name		Date
Sign				And the second		
Sigr				Mike Dozier		
Sigr				Print Name		Date
	re Boots and	Coots Representative				
	re Boots and	Coots Representative		t ma rising		Duite
	re Boots and	Coots Representative		Jim LäGrone		Daile
Signatu				Jim LaGrone		
Signatu Employee	Name	Hours on Location	Travel Hours	Jim LäGrone Employee Nar		on Travel Hours
Signatu Employee Richard Ha	Name atteberg	Hours on Location	Travel Hours	Jim LaGrone Employee Nar Jim LaGrone	10	on Travel Hours
Signatu Employee Richard Ha Travis N	Name atteberg feriel	Hours on Location	Travel Hours 0.5 0.5	Jim LaGrone  Employee Nar  Jim LaGrone  Rolly Gomez	10	ion Travel Hours 0.5 0.5
Signatu Employee Richard Ha	Name itteberg lariel oran	Hours on Location	Travel Hours	Jim LaGrone Employee Nar Jim LaGrone	10	on Travel Hours



	Date:	2-Feb-2016		Well Name and Number:	Standard Sesno	on 25 Report # 10
Cı		Southern California	Gas Company	County:	1,500,000,000,000,000,000,000	Los Angeles
	20-17-01-0-2012-0-0-0	12801 Tampa Ave.,	CALLS TANK THE PARTY OF THE PAR	State:		California
Customer B	illing Address:	Northridge, CA, 91		Country:		USA
A	AFE#:		W	Well Location:	Aliso Car	nyon Storage Facility
	Representative:			Well Type:		Gas
	Generated By:			Job Type:		Well Control
		Standard Sesnon 2		Rig No:		N/A
40.14.7.2.4.7.24.7	ption of Charge	Committee of the Commit		ments Un	its Unit C	harge Total
	I Control Specia			Hatteberg 1		
	Control Specialis			Martel 1		
	SE Specialist	4	1 1 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Baggett 1		
	I Conrol Engine			aGrone		
	Conrol Engine			Gomez 1		
	Control Special			Moran 1 Curtis 1		
	l Control Special SE Specialist	ior 4		Curtis 1 nedy (N/C) 1		
	al Daily Expense	e 1	Joe Keni	nedy (N/C)		
Gene	Hotel		+			
	Equipment		Junk Shot I	Manifold Stby 1		
	Rental Cars		JUNE MILLE	vianifold Stoy		
\ \	TOTAL OPIS		Cation	ated Daily Total		
			Esum	ared Daily (Old)		
andard Cance	n 25 has broad	and to curring a with a	averal figuries on had	olta		
			everal fissures on pad	site ft. 2-7/8" tubing to 8,510 ft. Packe	or donth 9 409 #	
	o about. / casi	19 10 0,303 11, 3-1/2	3,011eu illiel to 0,745 l		71 depth 0,400 It.	
Hour				Activity on Site		
5:30		tel - Arrive to Site 3				
6:30		ily Operations meeting			***	F00 1
7:00				wind from north. No visable chang	je in crater. SITP = :	590 psi
7:30			ence call w/ Regulators		-u.ol. the o	
9:00				nergy, & CPUC on Site SS25 for it	ispection.	
11:30	Lunch	illining point to insia	II Gas Chromatograph			
13:00	7890000	Cita CC25 Whatam	W/I finished installing	of data streaming equipment		
13:30				vie tree on flow line to accept Blac	la's chromatograph	
15.50	SITP = 58		recomigure needle var	the tree of flow line to accept blac	es chomatograph	
17:00		nge with night crew				
18:00		to monitor SS25 w/ 2	4 hour coverage			
- 3						
	-					
			Proje	cted Operations		
				Approvals		
Sic	nature Custom	ner Representative		Print Name	- 1	Date
				Mike Dozier	4	
Signat	ure Boots and	Coots Representati	ve	Print Name		Date
				Jim LaGrone		
	ee Name	Hours on Location	Travel Hours	Employee Nam		Location Travel Hours
		10	0.5	Jim LaGrone		
Employe Richard H	Hatteberg	179	0.5	Rolly Gamez	10	0 0.5
Richard H	Hatteberg Martel	10				
Richard H	Martel	10	0.5	Joe Kennedy		0 0.5
Richard E Travis Juan I Bud (	Mariel Moran Curfis	10 10	0.5 0.5			0.5
Richard E Travis Juan I Bud (	Mariel Moran	10	0.5			0 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Bosts & Costs Date: 1-Feb-2016 Well Name and Number: Porter#39A Report # 49 Southern California Gas Company **Customer Name:** County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Country: Northridge, CA 91326 USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Unit Charge Comments Units Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas General Daily Expenses JHAVC 2 JH/WC Hotel Rental Car JH Rental Car WC Estimated Daily Total Well Summary Hour Hour Activity on Site Pulled tools back to surface. Rigged down Ranging tools and E-Line equipment. 0:00 3:00 Made up directional BHA with 6-1/8" bit. Ran in hole from to 8,402'. Held extreme losses safety meeting with Boots & Coots reps. Preassembled lubricator & grease head assembly for running down hole pressure gauge. Repaired leaking 2" HP nipple on rigs stand pipe 3:00 18:00 manifold. Directional drilled 6-1/8" hole from 8,500' to 8,530'. Slid 50% and rotated 50%. Drilled through the cap rock at 8,518' and observed no loss of fluid. Circulated hole clean. Pumped one 30 bbls high vis sweep while rotating and reciprocating drill string. Checked and no flow Pulled out of hole from 8,530'. Down loaded GWD/LWD tools. Laid down mud motor. Stood back GWD/LWD BHA. 0:00 Made up 6-1/8' bit (No mud motor). Ran in hole to 8,530'. 18:00 **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 1-Feb-16 **Employee Name Employee Name** Hours on Location Travel Hours Hours on Location Travel Hours John Hatteberg 11 Wayne Courville 11 11 Arash Total Man-hours for Noted Date:



				& COUTS SERVICES		
		3-Feb-2016		Well Name and Number:		Report# 10
	The state of the state of	Southern California Ga 12801 Tampa Ave., SC		County: State:	Los Angele California	
Customer E	silling Address:	Northridge, CA, 9132		Country:	USA	
	AFE#:			Well Location:	Aliso Canyon Stora	ige Facility
	Representative:			Well Type:	Gas	
Report	Generated By:			Job Type:	Well Conti	rol
		Standard Sesnon 25		Rig No:	N/A	
	ption of Charge Il Control Special		Commo Richard Ha		Unit Charge	Total
	Control Specialist		Travis N			
	SE Specialist	4	Mike Ba	100.000		
	I Conrol Engine		Jim LaG			
	I Conrol Engine		Rolly Go		- 3	
	Control Special		Juan M			
	l Control Special SE Specialist	ist 4	Bud Cu Joe Kenne	1, 2		
	ral Daily Expense	1	Joe Kerine	dy (N/C) 7		
Och	Hotel			7		
	Equipment		Junk Shot Ma			
	Rental Cars			3		
			Estimat	ed Daily Total		
6:30 9:30 11:45 14:10 14:15 14:45 17:00 18:00 20:00	Attend Rel Cal OSHA Lunch, Sc SoCal rep On Site SS SoCal and Crew char Continue t Site SS25 Winds non	lief Well operations med on Site SS1 observing ocal representative inforesentative informed B8 S25, winds from north, v I DOGGR representativ nge w/ nite crew o monitor Site SS25 on	eting SS25 stie rmed B&C to leave Si &C to return to Site SS vellhead and crater site on Site SS25 for ins 24 hour coverage of NE approximately 6	able. SITP = 585 pection 6 mph. Wellhead stable. SITP = 1	CPUC orders	
				ed Operations		
Si	gnature Custom	er Representative	A	provals Print Name	T	Date
				Mike Dozier		
		Coots Representative		Print Name		Date
Signal	ure Boots and			Jim LaGrone		
Signal	ture Boots and (					
	ture Boots and (	Hours on Location	Travel Hours	Employee Name	Hours on Location	Travel Hours
Employ		Hours on Location	Travel Hours 0.5	Jim LaGrone	Hours on Location	Travel Hours
Employ Richard Travis	ee Name Hatteberg Martel	10	0.5 0.5	Jim LaGrone Rolly Gomez	10	0.5 0.5
<b>Employ</b> Richard Travis Juan	e <b>e Name</b> Hatteberg Moriel Moran	10 10 10	0.5 0.5 0.5	Jim LaGrone	10	0.5
Employ Richard Travis Juan Bud	ee Name Hatteberg Martel	10	0.5 0.5	Jim LaGrone Rolly Gomez	10	0.5 0.5



	-	Ti E-t core		We was	aster of	Other day of the state of the s	Capture II I	
		4-Feb-2016 Southern California G	ae Commani	Well Name and Nu			Report# 10	
	at the second second	12801 Tampa Ava St			State:	Los Angele California		
Custor	mer Billing Address:	Northridge, CA, 9132			untry:	USA		
	AFE#:	The second secon	-	Well Loc	The section of the se	Aliso Canyon Storage Facility		
Custor	mer Representative:			Well	Type:	Gas		
Re	eport Generated By:				Type:	Well Contr	ol	
		Standard Sesnon 25			ig No:	N/A		
	escription of Charge		The second section of the sect	ments	Units	Unit Charge	Total	
	r. Well Control Specia		- 13007	Hatteberg				
	Well Control Specialis HSE Specialist	t 4		Martel Baggett	1			
S	Gr. Well Conrol Engine			Grone	1			
	r. Well Conrol Engine		2 100 00	Gomez	1			
	r. Well Control Specia			Moran	1			
Sr	r. Well Control Specia	list 4	Bud	Curtis	1			
	HSE Specialist		Joe Kenr	nedy (N/C)	1			
	General Daily Expens	e 1			7			
	Hotel				7			
	Equipment		Junk Shot N	Manifold Stby	1			
	Rental Cars			2 15 16 77 2	3			
			Estim	ated Daily Total				
- In al 17	Oansan Of Land	could a south as well	and the service	45				
		hed to surface with sev			Basics d.	nth 9 459 #		
	and to aan tr. 1, casi	ng to 0,000 ft. 0-1/2" S	lotted liner to 8,745 f	t. 2-7/8" tubing to 8,510 ft	rackerde	μιι 0,400 π.		
Hour				Activity on Site				
0:00				& crater are stable, no cha		= 582 psi		
4:00 5:45			north. No change in	location parameters. Site	secured.			
6:00		nge w/ night crew peration Meeting at Site	003					
6:30		lief Well Operation Me						
7:00	Arrive Site	SS25 take wind and I	EL's. Strong winds f	rom north. No visiable cha	inge in crate	er. SITP = 583 psi.		
						ld rope barrier across bridg	e, both sides	
7:20				samples from tubing flow I		22.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	1414 6 7 1 1 1 1 1	
10:15	SITP = 60	00 psi						
10:30		strong winds. Secure s	ite.					
11:30	Lunch							
12:30		PS20 and consult rig						
14:00		ng winds from the north						
17:00		stable, no change in cr nge with night crew	ater 0117 = 090 ps					
17.00		ite SS25 thru the night						
	(Monitor O	- sans ma ma mant						
			Projec	eted Operations				
			Projec	eted Operations				
				Approvals		, and the second		
	Signature Custon	ner Representative					Date	
	Signature Custon	ner Representative		Approvals Print Name			Date	
	Signature Custon	ner Representative		Approvals			Date	
S				Approvals Print Name	r		Date	
S		ner Representative Coots Representative		Approvals Print Name Mike Dozie Print Name	r e			
S				Approvals Print Name Mike Dozie	r e			
	ignature Boots and	Coots Representative		Approvals Print Name Mike Dozie Print Name	e e		Date	
Er	ignature Boots and	Coots Representative	Travel Hours	Approvals Print Name Mike Dozie Print Name Jim LaGron	r e e yee Name	Hours on Location	Date Travel Hours	
Er	ignature Boots and mployee Name chard Hatteberg	Coots Representative	Travel Hours	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Jim	e e yee Name LaGrone	10	Date Travel Hours 0.5	
Er	ignature Boots and mployee Name chard Hatteberg Travis Mariel	Coots Representative	Travel Hours 0.5 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Rolin Rolin	e e yee Name aGrone	10	Travel Hours 0.5 0.5	
Er	ignature Boots and mployee Name chard Hatteberg Travis Mariel Juan Moran	Coots Representative  Hours on Location  10  10  10  10	Travel Hours 0.5 0.5 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Rolin Rolin	e e yee Name LaGrone	10	Date Travel Hours 0.5	
Er Rîd	ignature Boots and mployee Name chard Hatteberg Travis Mariel	Coots Representative	Travel Hours 0.5 0.5	Approvals Print Name Mike Dozie Print Name Jim LaGron Jim Rolin Rolin	e e yee Name aGrone	10	Travel Hours 0.5 0.5	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 BODER & COURS Date: 3-Feb-2016 Well Name and Number: Porter #39A Report # Southern California Gas Company **Customer Name:** County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville 2 Well Control Engineer Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC Hotel 2 Rental Car JH Rental Car WC **Estimated Daily Total** Well Summary Hour Hour Activity on Site Monitored well at 8,403' MD, Waited on daylight. Directionally drilled 6-1/8" hole from 8,530' MD to 8,560' MD. Slid 30% and rotated 70%. 0:00 11:00 Circulateded hole clean. Pumped one 30 bbls high vis sweep while rotating and reciprocating drill string. Departed hotel at 0530 hrs. Pulled out of hole from 8,560' MD. Down loaded GWD/LWD tools. Laid down mud motor. Stood back GWD/LWD BHA, 16:30 11:00 Made up 6-1/8" bit (No mud motor). Load probe, Up load GWD/LWD BHA, Ran in hole to 8,560', Captured GWD surveys at 8,560', 8,550' & 0:00 16:30 8,540'. Checked and no flow. Departed location for hotel at 1630 hrs. **Projected Operations** Approvals Print Name Signature Customer Representative Date Todd Van de Putte Signature Boots and Coots Representative **Print Name** Date John Hatteberg 3-Feb-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg Wayne Courville 11 11 Arash Total Man-hours for Noted Date:



				8 & coors services		
	Date:	5-Feb-2016		Well Name and Number:	Standard Sesnon 25   F	Report # 10
Cu		Southern California Ga		County:	Los Angele	
Customer Bi		12801 Tampa Ave., SC		State:	California	
		Northridge, CA, 9132	6	Country: Well Location:	USA Alian Canyon Stand	F-allin
netomer P	AFE #: epresentative:			Well Type:	Aliso Canyon Stora	ge Facility
	Generated By:	Jim LaGrone		Job Type:	Well Contro	ol lo
		Standard Sesnon 25		Rig No:	N/A	vi
	otion of Charge		Comm		s Unit Charge	Total
	Control Special		Richard H	1000		7 7 (8)
Well C	Control Specialist	4	Travis			
	SE Specialist	4	Mike Ba	aggett 1		
	Conrol Enginee		Jim Lat			
	l Conrol Enginee		Rolly G			
	Control Speciali		Juan N			
	Control Speciali	st 4	Bud C			
	SE Specialist al Daily Expense	1	Joe Kenne	edy (N/C) 1		
Genera	Hotel	1		7		
- 1	Equipment	-	Junk Shot Ma			
	Rental Cars		SELECTION WA	3		
- /5			Fetima	ted Daily Total		
			E Suite	tou parity forms		
		ed to surface with seve			1. 11.0.100.0	
	990 lt. 7" casir	ig to 8,585 ft. 5-1/2" sl	otted liner to 8,745 ft.	2-7/8" tubing to 8,510 ft. Packer	depth 8,468 ft.	
our				Activity on Site		
00		ds from the north. SIT				
00		the same, wellhead an	d crater are stable. L	Location is secured		
15		ige w/ night crew eration Meeting at Site	002			
30		ief Well Operation Mtg				
00				nd from the north. No visible char	nge	
00		9 psi_ No changes thro			ige	
		ep Out" signs on site a				
:30	Lunch					
15	Return to s	site. Assist SoCal contr	actors w/ gas sampli	ng		
:00	SITP= 595					
00		e of all personnel				
:00		ge w/ night crew				
	Monitor we	ell thru night				
			Decree 2	Cal Octable		
			Project	ted Operations		
Sia	nature Custom	er Representative	Α Α	Approvals Print Name	-	Date
				100000000000000000000000000000000000000		
				Mike Dozier		
Signati	ure Boots and C	Coots Representative	8 - 11	Print Name		Date
- ignar				Jim LaGrone		
- Ignas						
	e Name I	Hours on Location	Travel Hours	Employee Name	Hours on Location	Travel Hours
Employe		Hours on Location	Travel Hours	Employee Name Jim LaGrone	Hours on Location	Travel Hours
	latteberg					
Employe Richard H Travis M Juan M	latteberg Martel Moran	10 10 10	0.5 0,5 0.5	Jim LaGrone	10	0.5
Employe Richard H Travis N	latteberg Martel Moran Curtis	10	0.5 0.5	Jim LaGrone Rolly Gomez	10 10	0.5 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 5-Feb-2016 Well Name and Number: Porter#39A Report # 53 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Alsio Canyon Storage Facility Well Location: Well Type. Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JHWC 2 Rental Car JH 1 Rental Car WC 1 Estimated Daily Total Well Summary Activity on Site Hour Hour Continued to run in hole from 6,000' MD to 8,402' MD. Circulated and conditioned mud at 8,402'. Waited on daylight/orders. Broke 0:00 13:00 circulation. Captured GWD survey at 8,560. Oriented tool face. Directional drilled 6-1/8" hole from 8,560' MD to 8,585'. Slid 44% and rotated 56%. Circulated hole clean. Pumped one 30 bbls high vis sweep while rotating and reciprocating drill string. Checked and no flow. Pulled out of hole from 8,585'. Laid down mud motor. Stood back 13:00 21:30 GWD/LWD BHA. 0:00 Made up 6-1/8" bit (No mud motor). Load probe, Up load GWD/LWD BHA, Ran hole to 1,500' MD Midnight depth. 21:30 **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 5-Feb-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 11 11 Wayne Courville Arash 11 Total Man-hours for Noted Date:



			-	TIS & COOTS SERVICES			
		6-Feb-2016		Well Name and M		Standard Sesnon 25 R	eport # 105
Custo	mer Name:	Southern California Ga	s Company		County:	Los Angeles	5
Customer Billing	a Address:	12801 Tampa Ave., SC			State:	California	
Same Photos	A 11	Northridge, CA, 9132	6		ountry:	USA	F . W
Customer Dens	AFE #:			2,131,14	ocation:	Aliso Canyon Storag	je Facility
Customer Repre	esentative:	Jim LaGrone			ell Type: b Type:	Gas Well Contro	of .
		Standard Sesnon 25			Rig No:	N/A	"
	n of Charge	Charles and the Control of the Contr	Com	ments	Units	Unit Charge	Total
Sr. Well Co				Hatteberg	1	on onarge	Total
	rol Specialist			Martel	1		
	Specialist	4		Baggett	1	- 11	
	nrol Enginee	er 4		aGrone	1		
Sr. Well Co	nrol Enginee	er 4	Rolly	Gomez	1		
	ntrol Speciali			Moran	1	7.	
	ntrol Speciali	st 4		Curtis	- 1		
	Specialist		Joe Kenr	nedy (N/C)	1		
	aily Expense	1-1			7		
	lotel		to at the	Landerty City	7		
	ipment		Junk Shot I	Manifold Stby	1		
Kent	al Cars			1.45.0.5	3		
			Estim	ated Daily Total			
1 10		11. / 11	16				
		ed to surface with seve				11.0.100.0	
	uft. /" casir	ng to 8,585 ft. 5-1/2" sl	otted liner to 8,745 f	ft. 2-7/8" tubing to 8,510		ptn 8,468 ft.	
our				Activity on Site			
:00				= 585 psi. Crater uncha			
:00			Wellhead stable, SI	TP = 601 psi, Crater un	changed, Loc	ation secured.	
:30	Crew Char						
:30		ly Operations meeting	ng from the parts. \	Wellhead stable, SITP =	502 pai   an	ation provined	
7:30				= 593 psi. Location sec		ation secured.	
1:30	Lunch	ds from the north. We	iriead stable. Of F	- 595 psi. Eodation sed	ureu		
3:00		Site SS25 Wellhead st	table Crater uncha	nged. SITP = 610 psi. S	ecure site an	d clear all nersonnel	
5.00		DOGGR representativ			court one an	a cicar an personner	
7:00		ge w/ nite crew	25 11212 211 2115 2 2	-s to mapanion			
	1						
	-						
	1						
_	1		Droin	cted Operations			
			Froje	cted Operations			
				Approvals			
Signati	ure Custom	er Representative	T	Approvais Print Nar	ne	- A	Date
Digitati	are ouston	circocitative		1 till till	ii c		Dute
				Mike Doz	ier		
				435446 (4) (4			
Signature I	Boots and C	Coots Representative	(F) 11 )	Print Nar	ne		Date
				Jim LaGro	one		
Employee II		Usum sa Lagades 1	Transfer December		James Mar	The second second	Taxana I I I Carana
Employee Na		Hours on Location	Travel Hours		loyee Name	Hours on Location	Travel Hours
Richard Hattet		10	0.5		n LaGrone	10	0.5
Travis Marte Juan Morar		10 10	0.5		olly Gomez e Kennedy	10	0.5
Bud Curtis		10	0.5	- 00	e Menneuy	ŢŪ	0.3
Mike Bagge		10	0.5				
mine Deigge		14	~~~	V	Total	Man-hours for Noted Date:	84
					150	deare let tretted batt.	

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 BROCK & COURS S -ALLIESTICS SERVICE Date: 6-Feb-2016 Well Name and Number: Porter#39A Report # 54 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Well Location: Purchase Order# Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer John Hatteberg Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 JH/WC 2 General Daily Expenses Hotel JHAVC 2 Rental Car JH 1 Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued running n in hole from 1,500' MD to 8,585 MD. Captured GWD surveys at 8,585' MD, 8,575' MD, 8,565' MD, 8,555' MD, 8,545' 0:00 5:00 MD & 8,535' MD. Pulled out of hole from 8,535' to 8,369'. Top drive hydraulic hose developed leak. Replaced leaking Top drive hydraulic hose. At 0530 hrs departed hotel for location. 5:00 9:30 14:30 Pulled out of hole from 8,369'. Stood back GWD/LWD tools. 9:30 Rigged up E-Line equipment with WellSpot 2.375" ranging tools. Ran in hole and performed open hole WellSpot Ranging on bottom at 14:30 18:00 8,585', (RR26, results attached). Pulled tools back to surface. Rigged down WellSpot Ranging tools and E-Line equipment. Departed location for hotel at 1530 hrs. 18:30 0:00 Serviced rig equipment. Made up directional BHA with 6-1/8" insert bit #10RR. Ran in hole to 8,401' MD. Projected Operations Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 6-Feb-16 Hours on Location **Employee Name** Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 10 Wayne Courville 10 Arash 10 Total Man-hours for Noted Date:

## Confidential and Protected Materials Pursuant to PUC Section 583, GO 66-D, and D.17-09-023

7047 W. Greens Rd. Houston, TX. 77066 281-931-8884



				COOTS SERVE			
	Date: 7-Feb-2	016		Well Name an	d Number:	Standard Sesnon 25 R	eport#   100
Cus	tomer Name: Souther	n California Gas	Company		County:	Los Angele	5
Customer Bill		ampa Ave., SC 9	328		State:	California	
cusioniei biii	Northrid	ge, CA, 91326			Country:	USA	
	AFE#:			Wel	Location:	Aliso Canyon Storag	e Facility
	presentative:				Well Type:	Gas	
	Senerated By: Jim LaG				Job Type:	Well Contro	ı
	ease - Well #: Standar	Sesnon 25			Rig No:	N/A	
	tion of Charges:	Level	Com	ments	Units	Unit Charge	Total
Sr. Well (	Control Specialist	4	Richard	Hatteberg	1		
Well Co	ontrol Specialist	4	Travis	Martel	1	138	
HSE	E Specialist	4	Mike E	Baggett	1	- 10	
Sr. Well (	Conrol Engineer	4	Jim La	Grone	1	713	
Sr. Well (	Conrol Engineer	4	Rolly	Gomez	1		
Sr. Well C	Control Specialist	4	Juan	Moran	1	14	
Sr. Well C	Control Specialist	4	Bud	Curtis	1		
HSE	E Specialist		Joe Kenr	nedy (N/C)	1		
General	Daily Expense	1-1-			7		
	Hotel				7		
E	quipment		Junk Shot N	Manifold Stby	1		
Re	ental Cars				3		
			Estima	ated Daily Total			
dard Senson	25 has broached to su	face with severa	fissures on pad	site.			
	990 ft. 7" casing to 8,58				10 ft. Packer d	epth 8,468 ft.	
our				Activity on S			
00	Strong wind from the	o north Malles	ad etable ereter	inchanged SITP = 6	TO YOU AND ADDRESS OF THE PARTY	secured	
00				er unchange, SITP =		rsecured	
30	Crew Change	THE HOLLIE WYEN	meau stable, crate	a unichange, or ir -	002 pai		
30		d etrong form no	th Mollhoad and	crater are stable. S	ITD - 604 nei		
.30				ell drill from 8585 to		eaction	
:30	Secure site of all pe	rancel All stab	n 100%. Nellel W	eli drili fronti 6565 to i	dood wo arry r	saction	
3:00	Deture to alto w/ U	allibutes entiles	eina narnamal in	check site for data co	n mah		
3:30	Secure Site of all p		ging personner to	CHECK Site for data co	ans		
7:09	Crew Change for n						
7.00	Crew Change to in	gill orew					
	_						
	-						
_							
			Projec	ted Operations			
				Approvals			
Sign	nature Customer Repre	sentative		Approvals Print I	Name	7	Date
Sign	nature Customer Repre	esentative			Name		Date
Sign	nature Customer Repre	esentative					Date
				Print !			Date
	nature Customer Repre			Print !	Dozier		Date Date
				Print I Mike D	Dozier Name		
Signatur	re Boots and Coots Re	epresentative		Print I Mike I Print I Jim La	Dozier Name Grone		Date
Signatur	re Boots and Coots Re	epresentative on Location	Travel Hours	Print I Mike I Print I Jim La	Dozier Name Grone Employee Name	Hours on Location	Date Travel Hours
Signatur Employee Richard Hal	re Boots and Coots Re Name Hours	epresentative on Location	Travel Hours 0.5	Print I Mike I Print I Jim La	Oozier Name Grone Employee Name Jim LaGrone	10	Date Travel Hours 0.5
Signatur  Employee Richard Hat	re Boots and Coots Re Name Hours alleberg	epresentative  on Location 10 10	Travel Hours 0.5 0.5	Print I Mike I Print I Jim La	Oozier  Name  Grone  Employee Name  Jim LaGrone  Rolly Gomez	10	Travel Hours 0.5 0.5
Signatur  Employee Richard Hat  Travis Ma	re Boots and Coots Re Name Hours alleberg	on Location 10 10 10	7 Travel Hours 0.5 0.5 0.5 0.5	Print I Mike I Print I Jim La	Oozier Name Grone Employee Name Jim LaGrone	10	Date Travel Hours 0.5
Signatur Employee Richard Hat	re Boots and Coots Re Name Hours alleberg lartel oran	epresentative  on Location 10 10	Travel Hours 0.5 0.5	Print I Mike I Print I Jim La	Oozier  Name  Grone  Employee Name  Jim LaGrone  Rolly Gomez	10	Travel Hours 0.5 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice, Houston, TX. 77066 281-931-8884 Bonte & Conte Well Name and Number: Report # Date: 7-Feb-2016 Porter#39A 55 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Country: USA Northridge, CA 91326 Purchase Order# Well Location: Alsio Canyon Storage Facility Well Type: Relief Well Customer Representative: Todd Van de Putte, Mike Dozier Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 JH/WC Hotel Rental Car JH Rental Car WC Ť Estimated Daily Total Well Summary Activity on Site Hour Hour Circulated and conditioned mud at 8,402' MD. Waited on daylight/orders. Ran in hole from 8,401' MD to 8,585' MD. Took 0:00 7:00 GWD survey on bottom. Directional drilled 6-1/8" hole from 8,585' MD to 8,600' MD. Slid 80% and rotated 20%. Circulated hole clean. Pumped one 30 bbls high 9:30 7:00 viscosity sweep while rotating and reciprocating drill string. Checked and no flow/losses. Pulled out of hole from 8,600' MD. Down loaded GWD/LWD tools. Laid down mud motor. Stood back GWD/LWD BHA. 9:30 15:00 Made up 6-1/8" bit (No mud motor). Load probe, Up load GWD/LWD BHA. Ran in hole to 8,600' MD. Re-logged from 8,585' MD to 8,600' 0:00 15:00 MD. Captured GWD surveys at 8,600' MD, 8,590' MD & 8,580' MD, Circulated and conditioned mud. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte **Print Name** Date Signature Boots and Coots Representative John Hatteberg 7-Feb-16 Hours on Location Travel Hours **Employee Name** Travel Hours Employee Name Hours on Location John Hatteberg 10 Wayne Courville 10 Arash 10 Total Man-hours for Noted Date:



			-	DIS & COUTS SERVICES				
		8-Feb-2016		Well Name an	d Number:	Standard Sesnon 25   R	eport# 10	
CL	stomer Name:	Southern California Ga			County:	Los Angele	5	
Customer B	illing Address:	12801 Tampa Ave., SC			State:	California		
	AFE #:	Northridge, CA, 9132	ь	\Mal	Country: Location:	USA Aliso Canyon Storag	o Enoiliby	
Customer R	epresentative:				Well Type:	Gas	ie raciity	
	Generated By:				Job Type:	Well Control		
	Lease - Well #:	Standard Sesnon 25			Rig No:	N/A		
	otion of Charge		12.41.	ments	Units	Unit Charge	Total	
	l Control Specia		A section of the sect	Hatteberg	1			
	Control Specialis			Martel	1			
	SE Specialist Il Conrol Engine	er 4		Baggett aGrone	1			
	I Conrol Engine			Gomez	1			
	Control Special			Moran	1			
	Control Special		Bud	Curtis	1			
	SE Specialist		Joe Keni	nedy (N/C)	1			
Gener	al Daily Expense	e 1			7	1		
	Hotel		Junto Chart 1	Janifold Sthee	7			
	Equipment Rental Cars		JUNK SHOT	Manifold Stby	1 3			
	Serinal Cals		Setten	ated Daily Total	1 3			
			Lauii	ated Daily Total				
andard Sense	n 25 has broach	ned to surface with seve	eral fissures on pad	site.				
		ng to 8,585 ft. 5-1/2" sl			10ft. Packer de	epth 8,468 ft		
Hour	- Casi	-d -s alass in o life of	with the eff way	Activity on S		U-M FIRES MY		
0:00	Strong win	nds from the north. We	lhead is stable. Cra		AD.	ation is secured		
4:00		inds from the north. W						
5:30	Crew char							
6:30	Operation							
7:00		Site SS25 and check w		ong winds from the no	orth. Wellhead s	table,		
		e in crater. SITP = 616						
8:00		DOGGR representativ		ction. SITP = 610 psi				
8:45 14:30		e due to extreme wind Site SS25. Wind Very		h Wallhaad stable o	rater unchanged	QITD - 613		
14:45		e with extreme high wir		n. Weilifead Stable, C	ater dischariged	, 0111 - 015		
17:00		nge with night crew.						
2 - 3	Monitor we	ell thru the night.						
-	-							
- 1								
	-							
			Proje	cted Operations				
			Proje	cted Operations				
				Approvals				
Sig	gnature Custom	ner Representative			Name		Date	
Siç	gnature Custom	ier Representative		Approvals			Date	
				Approvals Print I			Date	
		ner Representative Coots Representative		Approvals Print I	Dozier		Date Date	
				Approvals Print I Mike D	Dozier Name			
Signat	ure Boots and	Coots Representative		Approvals Print I Mike E Print I	Oozier Name Grone		Date	
Signat	ure Boots and (	Coots Representative	Travel Hours	Approvals Print I Mike E Print I	Oozier Name Grone Employee Name	Hours on Location	Date Travel Hours	
Signat  Employe  Richard H	ure Boots and one Boots and On	Coots Representative  Hours on Location  10	Travel Hours 0.5	Approvals Print I Mike E Print I	Name Grone Employee Name Jim LaGrone	10	Date Travel Hours 0.5	
Signat  Employe Richard F	ure Boots and one Boots and On	Coots Representative  Hours on Location  10 10	Travel Hours	Approvals Print I Mike E Print I	Oozier Name Grone Employee Name		Date Travel Hours	
Signat  Employe Richard F	ure Boots and one Boots and On	Coots Representative  Hours on Location  10	Travel Hours 0.5 0.5	Approvals Print I Mike E Print I	Oozier Name Grone Employee Name Jim LaGrone Rolly Gomez	10	Travel Hours 0.5 0.5	



			000	T& 4 COOTS SERVICES					
	Date:	9-Feb-2016		Well Name and	Number: Sta	andard Sesnon 25   F	leport# 108		
Cu	ustomer Name:	Southern California Ga			County:	Los Angele	5		
Customer B	illing Address:	12801 Tampa Ave., SC			State:	California			
	Sear The Art Total Till	Northridge, CA, 9132	3		Country:	USA			
Customer	AFE #:				ocation:	Aliso Canyon Storag	ge Facility		
	lepresentative: Generated By:	lim LaGrone			ell Type:	Gas Well Control			
		Standard Sesnon 25		J	ob Type: Rig No:	N/A	)i		
	ption of Charge		Com	ments	Units	Unit Charge	Total		
	Control Special			Hatteberg	1	omit onlinge	Total		
	Control Specialist	the following the second of th		Martel	1	_			
	SE Specialist	4		Baggett	1	-			
	Il Conrol Enginee	er 4		Grone	1				
	Il Conrol Engine		Rolly	Gomez	1				
	Control Special			Moran	1				
	Control Special	st 4		Curtis	1				
	SE Specialist		Joe Kenr	nedy (N/C)	1				
Gener	al Daily Expense	1-1-			7				
	Hotel		lively Chat I	Ionifold Sther	1				
	Equipment Rental Cars		Junk Shot N	Manifold Stby	3	-			
	Torridi Oals		Cati-	ated Daily Total	3				
			ESUITIO	ateu Dany Total					
tondard Cor-	on 75 has been	ed to surface with seve	rol fine tree as pod	alla.					
				ate. 1. 2-7/8" tubing to 8,510	Off Dankardanti	2 162 ft			
	o seu it. 7 casi	ig to 6,565 it. 5-1/2 si	otted liner to 6,745 ii			10,400 II.			
Hour		1 5 0 0 156		Activity on Sit					
0:00				ter unchanged. SITP =					
4:00 5:30	Crew Char		elinead is stable. C	rater unchanged. SITP	= bub psi, Loca	tion is secured			
6:00		erations Mtg							
6:30		ief Well Operation Mtg							
6:45			a from north. Wellh	ead is stable. Crater un	nchanged, SITP	= 599 psi. Est. Comms	w/ Ria		
8:00		drilling on relief well to							
8:45				unchanged. SITP = 60					
14:00				d is stable. Crater unch					
14:30			ABC wheeled fire ex	xtinguisher to location.	Place next to she	ed over Well SS 25B			
15:00	Secured S								
17;00	Grew chan	ige with night crew. Co	ntinue to monitor we	ell throughout night.					
	-								
			Projec	cted Operations					
				Approvals					
Sig	gnature Custom	er Representative		Print Na	me		Date		
				Anna An	7800				
				Mike Do	zier				
Cianat	ura Poota and (	Coots Representative		Print Na	ma		Data		
Signat	ure books and (	coots representative		Print Na	me		Date		
				Jim LaGr	oue				
Empley	no Namo	House on Leaster T	Tenual Paris	T For	player Name	House on Leasties 1	Travel Hours		
	ee Name	Hours on Location	Travel Hours 0.5		ployee Name im LaGrone	Hours on Location	0.5		
	Hatteberg Martel	10	0.5		Im LaGrone Rolly Gomez	10	0.5		
	Moran	10	0.5		oe Kennedy	10	0.5		
Bud (		10	0.5	- ·	se rosimiosi)	16	V.O		
	Baggett	10	0.5						
100.14	40	17	701		Total M	an-hours for Noted Date:	84		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Bonte & Conta \* salison Date: 8-Feb-2016 Well Name and Number: Porter #39A Report # 55 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Well Type: Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville Arash Haghshenas Well Control Engineer 2 0 General Daily Expenses JH/WC 2 JH/WC 2 Hotel Rental Car JH Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site Circulated and condition mud, Pulled out of hole from 8,800' to BHA. Down loaded GWD/LWD tools. Stood back GWD.LWD tools. 0:00 7:00 Rigged up E-Line equipment with WellSpot 4.5" Ranging tools. Ran in hole and performed open hole WellSpot Ranging on bottom at 8,600' MD. (RR27, results attached). Pulled tools back to surface. Rigged down WellSpot Ranging tools and E-Line equipment. Serviced rig equipment, Rigged up E-Line equipment with WellSpot 2,375" Ranging tools, Ran in hole and performed open hole Passive Magnetic 7:00 17:00 Ranging on bottom at 8,600' MD. (RR27, results attached). Pulled tools back to surface. Rigged down WellSpot Ranging tools and E-Line equipment. Made up directional BHA with 6-1/8" insert bit #10RR, Scribed and performed offset. Uploaded GWD/LWD tools. Surface/shallow tested GWD/LWD tools at 2,540' MD, Discovered discrepancy in offset. Pulled out of hole from 2,540' MD and stood back LWD/GWD BHA. 17:00 0:00 Checked and re-scribed mud motor. Performed offset and uploaded LWD/GWD. Ran in hole to 2,540' and performed shallow test Midnight depth. **Projected Operations** Approvals Print Name Signature Customer Representative Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 8-Feb-16 Travel Hours **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location 10 John Hatteberg Wayne Courville 10 Arash 10 Total Man-hours for Noted Date:



				TS & coors SERVICE		
	Date:	10-Feb-2016		Well Name and Number:	Standard Sesnon 25	Report # 109
Cu		Southern California Ga		County:	Los Angele	95
Customer B		12801 Tampa Ave., SC		State:	California	
Customer B		Northridge, CA, 9132	5	Country:	USA	
	AFE #:			Well Location:	Aliso Canyon Stora	ige Facility
	lepresentative:			Well Type:	Gas	
	Generated By:			Job Type:	Well Contr	ol
		Standard Sesnon 25		Rig No:	N/A	
	ption of Charges			ments Unit	s Unit Charge	Total
	I Control Speciali			Hatteberg 1		
20.00.00	Control Specialist		400000	Martel 1		
	SE Specialist	4		Baggett 1		
	Il Conrol Enginee			aGrone 1		
	II Conrol Enginee			Gomez 1		
	Control Specialis			Moran 1		
	Control Specialis	st 4		Curtis 1		
	SE Specialist		Joe Kenn	nedy (N/C)		
Gener	al Daily Expense	1		7		
	Hotel			7		
	Equipment		Junk Shot N	Manifold Stby 1		
	Rental Cars			3		
			Estima	ated Daily Total		
		ed to surface with seve				
4" casing to	o 990 ft. 7" casin	ig to 8,585 ft. 5-1/2" sk	otted liner to 8,745 f	t. 2-7/8" tubing to 8,510 ft. Packer	depth 8,468 ft.	
our	A - 1 //			Activity on Site		
00	On Site SS	25 Moderately strong	winds from the north	th. Wellhead is stable. No visible of	hanne in crater SITP = 613	nsi Secured
00				ble. No visible change in crater. Si		
30	Crew Chan		iii. Vyeiiiieau is stat	sie. No visible change in crate). Of	17 - 025 psi. Oscured locati	0112
00		ly Operations Meeting				
30			a from the north W	ellhead is stable. No visibel chang	e in crater SITP = 600 nsi	
.00		ef Well Operations me		cilificat is stable. The visibel citating	c in clater. Offi Soc por	
:45				9610 ft MD		
:45	Radio com	munication check from	rig. Start sliding fro		No communication between	n wells
	Radio com Drill to 861	munication check from 5 ft MD and touched 7	rig. Start sliding fro	eceived cement and metal shaving	No communication between	n wells.
:00	Radio com Drill to 861 SoCal and	munication check from 5 ft MD and touched 7' DOGGR representative	rig. Start sliding fro casing in SS25. Re s on site for inspecti	eceived cement and metal shaving	No communication between	n wells.
:00	Radio com Drill to 861 SoCal and Secured Si	munication check from 5 ft MD and touched 7" DOGGR representative ite SS25 and clear all p	rig. Start sliding fro casing in SS25. Re s on site for inspecti ersonnel from site	eceived cement and metal shaving ion	No communication between	ı wells.
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Signate  Employe Richard F Travs Juan N Bud C	Radio com Drill to 861 SoCal and Secured Si Return to S Crew chan  gnature Custom ure Boots and C ee Name Hatteberg Martel Moran	munication check from 5 ft MD and touched 7 DOGGR representative ite SS25 and clear all poste SS25. Condition as ge with night crew and er Representative  Coots Representative  Hours on Location 10 10	rig. Start sliding fro casing in SS25. Ro s on site for inspectiversonnel from site re the same. SITP = continue Site SS25  Project  Travel Hours 0.5 0.5	eceived cement and metal shaving ion  = 613 psi. Secured site throughout the night  cted Operations  Approvals  Print Name  Mike Dozier  Print Name  Jim LaGrone  Rolly Gomez	Hours on Location 10 10	Date  Date  Travel Hours 0.5 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice, Houston, TX. 77066 281-931-8884 Boots & Coots Date: 10-Feb-2016 58 Well Name and Number: Porter #39A Report # Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California Customer Billing Address: Country: Northridge, CA 91326 USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Relief Well Well Type: Report Generated By: John Hatteberg Job Type: Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Unit Charge Total Level Comments Units Well Control Engineer John Hatteberg 3 Well Control Engineer 3 Wayne Courville 1 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH/WC 2 Rental Car JH Rental Car WC ٩ Estimated Daily Total Well Summary Activity on Site Hour Hour Ran in hole from 2,500' MD to 8,402' MD. Circulated and conditioned mud at 8,402', Waited on daylight/orders 6:00 0:00 Ran in hole from 8,402' MD to 8,610' MD. Circulated and captured GWD survey on bottom, Directional drilled 6-1/8" hole from 8,610' MD to 6:00 7:30 8,615' MD. Slid 100% and rotated 0%. Soft touched target well at 8,615' MD. Observed 130 psi increase in differential pressure. Picked up and carefully lowered drill string down and verified soft touch twice. All agreed contact with TW was made. Circulated hole clean. Pumped one 30 bbls high vis sweep while 7:30 12:00 rotating and reciprocating drill string. Observed 30% cement cuttings and metal shavings at bottoms up. Checked and no flow. Pulled out of hole from 8,615' MD. Down loaded GWD/LWD tools, Laid down mud motor. Stood back GWD/LWD BHA. 12:00 14:00 Rigged up E-Line equipment with WellSpot 4.5" Ranging tools. Ran in hole and performed open hole WellSpot Ranging on bottom at 8,617' 14:00 17:00 MD. (RR29, results attached). Pulled tools back to surface. Rigged down WellSpot Ranging tools and E-Line equipment. Serviced rig Made up Milling/Directional BHA. Picked up 2.12 deg bend mud motor and 6-1/8" concave bottom mill #1. Scribed and performed offset. 0:00 17:30 Uploaded GWD/LWD tools. Ran in hole to 8,402' MD. Circulated and conditioned mud at 8,402' MD. **Projected Operations** Approvals Signature Customer Representative **Print Name** Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 10-Feb-16 **Employee Name Employee Name** Hours on Location Travel Hours Travel Hours Hours on Location John Hatteberg 10 Wayne Courville 12 Arash 12 Total Man-hours for Noted Date:



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6:00	8:00					D survey on bottom	Oriented mill 140 deg	Az. Tagge	d target v	vell
		Ones 40 -	7" casing at 8,615.3' MD. Milled 2.5" and lost full returns. 4" delivery line to bell nipple at 18 bpm. Pulled out of hole from 8,615' MD to 8,402' MD. Pumped 18 bpm into back side. Regained ull returns after 15 minutes (280 bbls lost). Closed in the well. Pumped 2-3 bpm through kill line filling TW SS25 with drilling mud until							
8:00	12:00	near full re	eturns after 15 minut	es (280 bbls lost). Cl	d out of hole from 8 osed in the well. Pu	mped 2-3 bpm throu				
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7047 W. Greens Rd. Houston, TX. 77066



						INDEX HINE						
			12-Feb-2016			Well Name ar	I COLDER TO ALLOW THE TAXABLE PROPERTY.	Porter#39A		Report	#	60
	Custor	mer Name:	Southern Californ				County:	1	Los Ange			
Custor	mer Billing	Address:	12801 Tampa Av Northridge, CA 9				Region:		Californi	a		
	Purcha	se Order#	Normridge, CA 9	1320		Wa	Country:	Alsio Car		age Facili	tv	
Custo			Todd Van de Put	le. Mike Doz	ier	***	Well Type:	711310 021	Relief W		· y	
			John Hatteberg	-,1			Job Type:		Relief W	ell		
	Leas	se - Well #:	Porter 39A				Rig No:		Ensign 5	87		
		of Charges:		l l	Comme	11.000	Units	Unit Ch	arge		Tota	1
	/ell Control		3		John Hatte		1	-				
	/ell Control		2	+	Wayne Co Arash Hagh		1 0	-				
		Expenses	- 2	+	JH/W		2					
-	Hote				JH/VV		2					
	Rental	Car	5 11 1		JH		1					
	Rental	Car	1 1		WC		1					
						7-11-1						
						ed Daily Total						
					Wel	I Summary					_	
Hour	1 Haue	Ĭ.				Activity	on Sito					
0:00	Hour 2:00	IPulled out	of hole from 1 32	2' MD to MIII	ling BHA Dow		WD tools. Stood b	ack GWD LWD to	ools laid	down mur	d moto	or and
		bend 48"					7/8" 7.9# PH6 tubir 1/2" drill pipe hand					
9:00	9:00	7" liner top window fro Traveled to Circulated returns ob 8,808' MD Rigged up fresh water water at 4 Attempted to 7,043' M	from bottom to 32 of at 3,353' /w no is on 8,615' to 8,625 of ack down and en and condition muserved). Picked by Attempted to circle Halliburton cemer at 4.2 bpm with 650 plus to circulate at 2.2 bpm with 650 plus with 650 p	4'. Rigged do ssues. Pump i' no problem tered 5-1/2" id / monitore- ack up to 8,7 culate at 4 bp enters. Teste 900 psi, folio si, followed b 4 bpm (Part circulate at 2	own tubing ton bed in hole from ns. Tagged SS liner /w no issued well on trip to 709' MD. Atten pm (Good circ d lines to 3800 owed by 20 bbl by 59.8 bbls 8, tial returns). Pi 2 - 4 bpm (Nea	gs. Rigged up 3- m 8,615' MD to 8 i25 5-1/2" liner to ues. Pulled up fro ank. Well taking inpted to circulate culation established psi. Pumped 40 is 62 sacks of 14 is 62 sacks of 14 is 9 ppg drilling mu icked up to 8,000 ar full returns). Cin	1/2" drill pipe hand ,809' MD and tagge p at 8,681' MD. Pic om 8,809' MD to 8, 6 bph. Ran in hole at 4 bpm (Circulat	ing tools. Ran in a top of fill there ked up work strin 705' MD. from to 8,808' MI ion established).  Ig mud at 4,2 bpm. 2 bpm with 730 psi. CIP 18:45 or circulate at 2 - 4	hole from Pulled up 10' Rot D. Attemp Ran in ho n with 870 psi, follow 5 hours. F 4 bpm (Pa	a 324' to 8  In through  In the depth of the	,615'. SS25 1/2 tu culate wwed b bbls fi to 8,6 rns) P	Entero 7" urn. (No oy 17 b resh resh resh ricked
2:00 9:00 18:00	18:00 0:00	7" liner top window fro Traveled to Circulated returns ob 8,808" MD Rigged up fresh water water at 4 Attempted to 7,043" M cement at	from bottom to 32 of at 3,353' /w no is on 8,615' to 8,625 of ack down and en and condition muserved). Picked by Attempted to circle Halliburton cemer at 4.2 bpm with 2 bpm with 650 plus to circulate at 2 d/D. Attempted to	4'. Rigged dossues. Pump in no problem tered 5-1/2" and / monitore ack up to 8,7 culate at 4 by inters. Teste 900 psi, followed by 4 bpm (Part circulate at 2 ut of hole fro	own tubing ton bed in hole from the fro	gs. Rigged up 3-m 8,615' MD to 8,25 5-1/2" liner to ues. Pulled up fro ank. Well taking upted to circulate ulation established psi. Pumped 40 is 62 sacks of 14,9 ppg drilling mulicked up to 8,000 ar full returns). Circulate upter sample of the sample of	1/2" drill pipe hand, 809' MD and tagging at 8,681' MD. Picom 8,809' MD to 8,66 bph. Ran in hole at 4 bpm (Circulated).  I bbls 8.9 ppg drillin. 8 ppg cement at 4 d at 4.2 bpm with 3 m MD. Attempted to reculated bottoms up	ing tools. Ran in a top of fill there ked up work strin 705' MD. from to 8,808' MI ion established).  Ig mud at 4,2 bpm. 2 bpm with 730 psi. CIP 18:45 or circulate at 2 - 4	hole from Pulled up 10' Rot D. Attemp Ran in ho n with 870 psi, follow 5 hours. F 4 bpm (Pa	a 324' to 8  In through  In the depth of the	,615'. SS25 1/2 tu culate  culate  bbls fi to 8,6 ns) P	Entere 57" urn. (No by 17 b resh 27" ME
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9:00 18:00 Sig	18:00 0:00	7" liner top window fro Traveled to Circulated returns ob 8,808' MD Rigged up fresh water water at 4 Attempted to 7,043' N cement at	from bottom to 32 of at 3,353' /w no is on 8,615' to 8,623 of ack down and en and condition muserved). Picked by Attempted to cir. Halliburton cemer at 4.2 bpm with 650 pl. to circulate at 2 /w/D. Attempted to surface. Pulled of the surface of th	4'. Rigged dossues. Pump in or problem tered 5-1/2" and / monitore ack up to 8,7 culate at 4 by inters. Tester 9900 psi, followed by 4 bpm (Part circulate at 2 ut of hole fro	own tubing ton bed in hole from the fro	gs. Rigged up 3-m 8,615' MD to 8,25 5-1/2" liner to ues. Pulled up fro ank. Well taking upted to circulate culation established ps 62 sacks of 14,9 ppg drilling muicked up to 8,000 ar full returns). Circulate culation established ps 62 sacks of 14,9 ppg drilling muicked up to 8,000 ar full returns). Circulate culations are full returns. Circulate culations are full returns. Circulate culations are full returns.	1/2" drill pipe hand, 809' MD and tagging at 8,681' MD. Picom 8,809' MD to 8,66 bph. Ran in hole at 4 bpm (Circulated).  I bbls 8.9 ppg drillin. 8 ppg cement at 4 d at 4.2 bpm with 3 m MD. Attempted troulated bottoms upon the second bottom between the second bottoms upon the second bottom between the second between the second bottom between the second bottom between the second between the second between the second bottom between the second between the second between the second between th	ing tools. Ran in a top of fill there ked up work strin 705' MD. from to 8,808' MI ion established).  Ig mud at 4,2 bpm. 2 bpm with 730 psi. CIP 18:45 or circulate at 2 - 4	hole from Pulled u g 10' Rot D. Attemp Ran in ho n with 870 psi, follows 5 hours. F 4 bpm (Pa bbserved	Date  Date  Date  Date  Date	,615'. SS25 1/2 tu culate wwed b bbls fi to 8,66 ns) P	Entered 7" Irn. (No oy 17 b resh 127" ME icked if
9:00 18:00 Sig	18:00  0:00  Signature nature Bo ployee Name	7" liner top window fro Traveled to Circulated returns ob 8,808' MD Rigged up fresh wate water at 4 Attempted to 7,043' N cement at	from bottom to 32 of at 3,353' /w no is on 8,615' to 8,623 of ack down and en and condition muserved). Picked by Attempted to circle Halliburton cemer at 4.2 bpm with 650 plus circulate at 2 - MD. Attempted to surface, Pulled of the surface of th	4'. Rigged dossues. Pump in or problem tered 5-1/2" and / monitore ack up to 8,7 culate at 4 by inters. Tester 9900 psi, followed by 4 bpm (Part circulate at 2 ut of hole fro	own tubing ton bed in hole from the fro	gs. Rigged up 3-m 8,615' MD to 8,25 5-1/2" liner to ues. Pulled up fro ank. Well taking upted to circulate culation established ps 62 sacks of 14,9 ppg drilling muicked up to 8,000 ar full returns). Circulate culation established ps 62 sacks of 14,9 ppg drilling muicked up to 8,000 ar full returns). Circulate culations are full returns. Circulate culations are full returns. Circulate culations are full returns.	1/2" drill pipe hand, 809" MD and taggip at 8,681" MD. Picom 8,809" MD to 8,6 bph. Ran in hole at 4 bpm (Circulated).  1 bbls 8.9 ppg drilling bbls 8.9 pp	ing tools. Ran in ed top of fill there ked up work strin 705' MD.  from to 8,808' MI ion established).  Ig mud at 4,2 bpm. 2 bpm with 730 ps. CIP 18:45 or circulate at 2 - 4 or at 7,043' MD. Co	hole from Pulled u g 10' Rot D. Attemp Ran in ho n with 870 psi, follows 5 hours. F 4 bpm (Pa bbserved	Date  Date  Date  Date  Date	6,615'. SS25 1/2 tu  culate  wwed b bbs fi to 8,6 ms) P  ount o	Entered 7"  Irn.  (No  y 17 b  resh 27" ME  ricked I  f soft
9:00 18:00 Sig	18:00 0:00 Signature	7" liner top window fro Traveled to Circulated returns ob 8,808' MD Rigged up fresh wate water at 4 Attempted to 7,043' N cement at	from bottom to 32 of at 3,353' /w no is on 8,615' to 8,623 of ack down and en and condition muserved). Picked to Attempted to circ Halliburton cemer at 4.2 bpm with 650 plus circulate at 2 w MD. Attempted to surface, Pulled of surface, Pulled of the surface of	4'. Rigged dossues. Pump in or problem tered 5-1/2" and / monitore ack up to 8,7 culate at 4 by inters. Tester 9900 psi, followed by 4 bpm (Part circulate at 2 ut of hole fro	own tubing ton bed in hole from the fro	gs. Rigged up 3-m 8,615' MD to 8,25 5-1/2" liner to ues. Pulled up fro ank. Well taking upted to circulate culation established ps 62 sacks of 14,9 ppg drilling muicked up to 8,000 ar full returns). Circulate culation established ps 62 sacks of 14,9 ppg drilling muicked up to 8,000 ar full returns). Circulate culations are full returns. Circulate culations are full returns. Circulate culations are full returns.	1/2" drill pipe hand, 809" MD and taggip at 8,681" MD. Picom 8,809" MD to 8,6 bph. Ran in hole at 4 bpm (Circulated).  1 bbls 8.9 ppg drilling bbls 8.9 pp	ing tools. Ran in ed top of fill there ked up work strin 705' MD.  from to 8,808' MI ion established).  Ig mud at 4,2 bpm. 2 bpm with 730 ps. CIP 18:45 or circulate at 2 - 4 or at 7,043' MD. Co	hole from Pulled u g 10' Rot D. Attemp Ran in ho n with 870 psi, follows 5 hours. F 4 bpm (Pa bbserved	Date  Date  Date  Date  Date	6,615'. SS25 1/2 tu  culate  wwed b bbs fi to 8,6 ms) P  ount o	Enteres 77" Irn. (No py 17 b resh 127" ME ricked f soft

7047 W. Greens Rd. Houston, TX. 77066



		Date:	13-Feb-2016		Well Name a	nd Number:	Porter#39A	Report # 6
	Custon	ner Name:	Southern California (	Gas Company		County:	Los Angele	
Custon	ner Billing	Address:	12801 Tampa Ave.,			Region:	California	1
Guston	-53.45		Northridge, CA 9132	6		Country:	USA	
Contain		se Order#	+- 44 V 4- 6- H 1	Miles Bautan	W	ell Location:	Alsio Canyon Stora	
			Todd Van de Putte, I John Hatteberg	VIIKE Dozier		Well Type: Job Type:	Relief We Relief We	
100		e - Well #:				Rig No:	Ensign 58	-
Des		f Charges:	Level	C	omments	Units	Unit Charge	Total
	ell Control		3	Joh	n Hatteberg	1		
	ell Control		3		ne Courville	1		
	ell Control		2	Arast	Haghshenas	0		
Ge		Expenses			JHAVC	2		
	Rental				JHWC	2		
	Rental				WC .	1		
	rayingi	77.70						
				E	stimated Daily Total			
					Well Summary			
Hour	Hour				Activity	y on Site		
0:00	5:00				2-7/8" tubing handling ged down 2-7/8" tubin		hole and stood back 2-7/8"	
5:00	15:00	amount of Closed an	cement in returns. C nular. Applied 150 ps	ontinued to wash i to annulus and	in hole without rotating verified communication	ng from 8,605' to mid in with SS25 TW wa		o cement observe
	15:00	amount of Closed an (Good tes bit sub Rigged up Ran in hol	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s	ontinued to wash if to annulus and Dirculated bottom ing tools. Picked utinger on 3-1/2"	n in hole without rotating verified communication is up at 8,610° MD. Put up 324° 2-7/8° 7.9# PH and 5° drill pipe to 8,38	ng from 8,605' to mid on with SS25 TW wa illed out of hole from 6 tubing stinger ass 95'. Circulated and c	window depth at 8,618' (N	o cement observe 8" bit and Ill pipe handling too own from 8,395' a
5:00 15:00 20:30		amount of Closed an (Good tes bit sub Rigged up Ran in hol bpm with DOGGR.	cement in returns. C nular. Applied 150 ps ). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged of	ontinued to wash if to annulus and circulated bottom ing tools. Picked ti tinger on 3-1/2" ement in at 8,657	n in hole without rotating verified communications up at 8,610' MD. Put 19 324' 2-7/8" 7,9# PH and 5" drill pipe to 8,38" MD RW referenced.	ng from 8,605' to mid in with SS25 TW wa illed out of hole from 6 tubing stinger ass 95'. Circulated and o Applied 6,000 lbs de	i window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly: Rigged up 3-1/2" dri onditioned mud. Washed d	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed
15:00	20:30	amount of Closed an (Good tes bit sub Rigged up Ran in hol bpm with DOGGR.	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged co ck up into RW 7" casi	ontinued to wash if to annulus and circulated bottom ing tools. Picked ti tinger on 3-1/2" ement in at 8,657	n in hole without rotating verified communications up at 8,610' MD. Put 19 324' 2-7/8" 7,9# PH and 5" drill pipe to 8,38" MD RW referenced.	ng from 8,605' to mid in with SS25 TW wa illed out of hole from 6 tubing stinger ass 95'. Circulated and o Applied 6,000 lbs de	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed
15:00	20:30	amount of Closed an (Good tes bit sub Rigged up Ran in hol bpm with DOGGR.	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged co ck up into RW 7" casi	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communications up at 8,610' MD. Put 19 324' 2-7/8" 7,9# PH and 5" drill pipe to 8,38" MD RW referenced.	ng from 8,605' to mid in with SS25 TW wa illed out of hole from 6 tubing stinger ass 95'. Circulated and o Applied 6,000 lbs de	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed
15:00 20:30	20:30	amount of Closed an (Good test bit sub. Rigged up Ran in hol bpm with a DOGGR. Pulled bac hole from	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged co k up into RW 7" casi 8,402' MD.	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communication in the sup at 8,610° MD. Put and 5" drill pipe to 8,35" MD RW referenced.  "MD Circulated botton	ng from 8,605' to mid in with SS25 TW wa illed out of hole from 6 tubing stinger ass 95'. Circulated and o Applied 6,000 lbs de	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed
15:00 20:30	20:30	amount of Closed an (Good test bit sub. Rigged up Ran in hol bpm with a DOGGR. Pulled bac hole from	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged co ck up into RW 7" casi	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pur up 324° 2-7/8° 7.9# PH and 5° drill pipe to 8,38° MD RW referenced.  MD Circulated bottom of the communication of the communic	ng from 8,605' to mid in with SS25 TW wa illed out of hole from 6 tubing stinger ass 95'. Circulated and o Applied 6,000 lbs de	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed
15:00 20:30	20:30	amount of Closed an (Good test bit sub. Rigged up Ran in hol bpm with a DOGGR. Pulled bac hole from	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged co k up into RW 7" casi 8,402' MD.	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pur up 324° 2-7/8° 7.9# PH and 5° drill pipe to 8,38° MD RW referenced.  MD Circulated bottom of the communication of the communic	ng from 8,605' to mic in with SS25 TW wa lled out of hole from 6 tubing stinger ass 95'. Circulated and c Applied 6,000 lbs doms up at 8,402' MD	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed abilize. Pulled out
15:00	20:30 0:00 Signature	amount of Closed an (Good test bit sub. Rigged up Ran in hol bpm with a DOGGR. Pulled back hole from	cement in returns. C nular. Applied 150 ps c). Opened annular. C 2-7/8" tubing handlir e with 2-7/8" tubing s 150 psi and tagged co k up into RW 7" casi 8,402' MD.	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pur up 324° 2-7/8° 7.9# PH and 5° drill pipe to 8,38° MD RW referenced.  MD Circulated bottom of the communication of the communic	ing from 8,605' to mice in with SS25 TW was liked out of hole from 6 tubing stinger assets'. Circulated and capplied 6,000 lbs doms up at 8,402' MD.	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling to own from 8,395' a nent tag witnessed abilize. Pulled out
20:30	20:30 0:00 Signature	amount of Closed an (Good test bit sub. Rigged up Ran in hol bpm with a DOGGR. Pulled back hole from	cement in returns. Conular. Applied 150 ps c). Opened annular. Conular. Applied 150 ps c). Opened annular. Conular. Conu	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pure programment of the programment of t	ing from 8,605' to mice in with SS25 TW was liked out of hole from 6 tubing stinger assets. Circulated and complied 6,000 lbs doms up at 8,402' MD.	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling too own from 8,395' a nent tag witnessed abilize. Pulled out  Date  Date
15:00 20:30 Sig	20:30 0:00 Signature	amount of Closed an (Good test bit sub. Rigged up Ran in hol bpm with - DOGGR. Pulled bac hole from	cement in returns. Conular. Applied 150 ps c). Opened annular. Conular. Applied 150 ps c). Opened annular. Conular. Conular. Applied 150 ps conular. A	ontinued to wash it to annulus and circulated bottom  g tools. Picked to tinger on 3-1/2" ement in at 8,657  ng shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pure programment of the programment of t	ing from 8,605' to mice in with SS25 TW was liked out of hole from 6 tubing stinger ass 95'. Circulated and control of the policy of the polic	i window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/2" dri onditioned mud. Washed down weight on cement. Cen Allowed TW and RW to sti	o cement observe 8" bit and Ill pipe handling too own from 8,395' a nent tag witnessed abilize. Pulled out  Date  Date  13-Feb-16
15:00 20:30 Sig	20:30 0:00 Signature	amount of Closed an (Good test bit sub. Rigged up Ran in hole bpm with a DOGGR. Pulled back hole from	cement in returns. Conular. Applied 150 ps c). Opened annular. Conular. Applied 150 ps c). Opened annular. Conular. Conular. Applied 150 ps conular. A	ontinued to wash it to annulus and circulated bottom ing tools. Picked to tinger on 3-1/2" ement in at 8,657 ing shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pure programment of the programment of t	ing from 8,605' to mice in with SS25 TW was liked out of hole from 6 tubing stinger assets. Circulated and complied 6,000 lbs downs up at 8,402' MD.  The state of the state o	f window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/ embly. Rigged up 3-1/2" dri onditioned mud. Washed d own weight on cement. Cen	o cement observe 8" bit and Ill pipe handling too own from 8,395' a nent tag witnessed abilize. Pulled out  Date  Date
15:00 20:30 Sig Emj	20:30 0:00 Signature	amount of Closed an (Good test bit sub. Rigged up Ran in hole bpm with a DOGGR. Pulled back hole from	cement in returns. Conular. Applied 150 ps c). Opened annular. Conular. Applied 150 ps c). Opened annular. Conular. Conular. Applied 150 ps conular. A	ontinued to wash it to annulus and circulated bottom  g tools. Picked to tinger on 3-1/2" ement in at 8,657  ng shoe at 8,402	n in hole without rotating verified communications up at 8,610° MD. Pure programment of the programment of t	ing from 8,605' to mice in with SS25 TW was liked out of hole from 6 tubing stinger ass 95'. Circulated and control of the policy of the polic	i window depth at 8,618' (N s still established. 8,610' MD. Laid down 6-1/2" dri onditioned mud. Washed down weight on cement. Cen Allowed TW and RW to sti	o cement observe 8" bit and Ill pipe handling too own from 8,395' a nent tag witnessed abilize. Pulled out  Date  Date  13-Feb-16



	Date	14-Feb-2016		Well Name and Number	Standard Sesnon 25	Panort# 1 1
Cor		14-rep-2016 Southern California Ga	as Company	Well Name and Number: County		Report# 1
	THE REAL PROPERTY.	12801 Tampa Ave., SC		State		fornia
Customer Bi	illing Address:	Northridge, CA, 9132	26	Country:		SA
	AFE#:			Well Location:		Storage Facility
Customer Re	epresentative:			Well Type:	G	as
	Generated By:			Job Type:		Control
	CO. Mary R. Co. Co. C. C. Co.	Standard Sesnon 25		Rig No:		/A
	tion of Charge:				nits Unit Charge	Total
	Control Special		1 10 W. F. C. C. C. C.	, laction and	1	
	ontrol Specialist SE Specialist	4		s Martel Baggett	1	
	Conrol Enginee			00	1	
	Conrol Engines				1	
	Control Speciali				1	
Sr. Well	Control Speciali	st 4	Bud	Curtis	1	
	SE Specialist		Joe Ken	and the same	1	
Genera	al Daily Expense	1			7	
	Hotel			professional and the second se	7	
	Equipment Rental Cars		Junk Shot	22 - 2 4 - 2 2 - 2 - 2	3	
K	Cental Cais		P. C.		2	
			ESTIT	nated Daily Total		
andard Sansa	n 25 has hunsels	ed to surface with seve	oral fissurae on rad	site		
				ft. 2-7/8" tubing to 8,510 ft. Pack	rer denth 8 468 ff	
-	Casil	g 10 0,000 It, 0-1/2 S	CACA MINE TO 0,743		or deput of doo it.	
Hour	Augus ac C	ite COSE Chamber	from the west 182	Activity on Site	CITD = 1277 1	n navibad
4:00				ellhead and crater stable & static. I and crater stable & static. SITP		
5:30	Crew Char		ne nonn. vveiineac	and crater stable & Static. SHP	- 1272 psi. Location secui	ed
6:30		eration Meeting				
7:30		Site SS25. SITP = 127	O psi.			
8:00		UC & DOGGR represe		spection		
8:15	Prepare to	bleed tubing during ce	menting job. Instal	gauge in choke manifold. Open	lo-torque to choke manifoli	d.
8:30		nch 39A announce reta		line		
8:45		ent job on PR39A. Si		2		
9:00		ng as instructed by cen				
10:20		ce. Close lo-torque to	cnoke manifold. Si	1 = 1365 psi		
11:30	lunch Return to 5	Site SS25 Secol Cold	OSHA & LACED CO	site to inspect bridge hand rails.		
11.50				bank of unconsolidated class C	Soil	
				an unsafe place to observe from		
12:00	SITP = 133			The second of th		
12:30	SoCal and	Western W/L represer	ntative on site to dis	cuss W/L work		
13:00		e to site and rig up				
13:30		#L eqpt on site, unload		1321 psi		
14:45		ne lubricator. SITP = 1				
15:45	SITP = 130	08 psi. Secure site of a	all personnel. No ni	ght crew		
	1					
-	- F		Proje	ected Operations		
			rioje	Area Akelationia		
				Approvals		
Sig	nature Custom	er Representative		Print Name		Date
	and the same of th					2000
				Mike Dozier		
				2717		
Signatu	ure Boots and C	Coots Representative		Print Name		Date
				Jim La Grone		
	a Nam-	Hama on Land	Tennel House	I I Planta W	as I Halland California	- T- 10
PE - 102-7		Hours on Location	Travel Hours 05	Employee Na Jim LaGron		ion Travel Hours 0.5
Employe Dickard U		10	05			0.5
Richard H						
Richard H Travis N	Martel	10		Rolly Gome		
Richard H	Martel Moran	10	05 05	Joe Kenned		0.5



	Date	11-Feb-2016		Well Name and Number: S	Standard Sesnon 25	Report#   11
Cu		Southern California Ga	as Company	County:	Los Angel	
		12801 Tampa Ave., SC		State:	Californi	
Gustomer Bi		Northridge, CA, 9132		Country:	USA	
	AFE#:		3	Well Location:	Aliso Canyon Stora	age Facility
	epresentative:			Well Type:	Gas	
	Generated By:	Jim LaGrone Standard Sesnon 25		Job Type: Rig No:	Well Cont	rol
	otion of Charge	DESIGNATION OF THE PERSON OF T	Comm		Unit Charge	Total
	Control Special		Richard H	100000	Onit Gharge	Total
2007 11000	Control Specialist		Travis N			
HS	SE Specialist	4	Mike Ba	ggett 1		
	Conrol Enginee	4	Jim LaC	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Conrol Engine		Rolly G			
Library Turk British	Control Special		Juan M Bud C			
	SE Specialist	st 4	Joe Kenne			
	al Daily Expense	1 1	Dec Reillie	7		
	Hotel			7		
	Equipment		Junk Shot Ma		31	
F	Rental Cars			3		
			Estimat	ed Daily Total		
		ned to surface with seve			U 0 400 =	
	990 ft. 7" casîr	ng to 8,585 ft. 5-1/2" sl	otted liner to 8,745 ft.	2-7/8" tubing to 8,510 ft. Packer dep	otn 8,468 ft.	
Hour				Activity on Site		
0:00	On Site SS	525. Strong winds from	the north. Wellhead	stable and crater unchanged. SITP :	515 psi. Location secu	red.
5:30	Crew char		om the north. Wellhe	ad stable and crater unchanged. SIT	r = 019 psi. Location se	cured
6:00		erations Meeting				
6:30		lief Well Operations Me	eting		1-	
				able and crater unchanged. SITP = 6	316 psi	
7:00				615' MD (Relief well) SITP = 615 psi		
7:40				ed to 590 psi initially then began to c	limb	
7:45		0 psi. 2 min later SITP	= 721 and crater quie			
7:55 8:00	SITP = 93:	3 psi, well is quiet				
8:08		closed annular and pu	mped down kill line @	2 BPM		
8:35	SITP = 13		- bankaran un mie G	1 = -4 W		
9:00	SITP = 14	09 psi				
9:50				serve reaction. SITP = 1414 psi		
10:00		on site to discuss wirel				
11:00		CFD and DOGGR reps		i serve crater and hillside. SITP - 1366		
13:30		Allling operations on Re				
15:15	SITP = 13	94 psi, SoCal & Cal O	SHA reps on site w/ di	r pai scuss on how to make bridge safe as	per CalOSHA reas. "Re	d Tagged" bridge
17:25				ater. Secure site, crew change. Mor		
17:50	B&C esco	rted SoCal and CalOSI		Dark - SS @ 17:33). Removed CalO		e. Location Secu
	Monitor th	u NIGHT				
			Project	ed Operations		
				opravale		
Sim	nature Custom	er Representative	A	pprovals Print Name		Date
- Jig	,	- Leeft to sulfative.		This testine		
				Mike Dozier		
Signati	ure Boots and I	Coots Representative		Print Name		Date
orgridit	and and	- Osta Nepieselitative		Fruit Wants	- 7	Mark.
				Jim LaGrone		
	to Many	Hamilton Co.	T		1.6	*
		Hours on Location	Travel Hours	Employee Name	Hours on Location	Travel Hours
Employe		10	0.5 0.5	Jim LaGrone Rolly Gomez	10	0.5
Richard H		40		ROW L-Ome?	10	
Richard H Travis I	Martel	10	makes the control of			0.5
Richard H Travis I Juan M	Martel Moran	10	05	Joe Kennedy	10	0,5
Richard H Travis I	Martel Moran Durlis		makes the control of			2000



	Dates	12-Feb-2016		Well Name and Num	ner l	tandard Sesnon 25	eport#   11
0		Southern California Ga	is Company	vveii ivame and ivum		Los Angele	
	THE REAL PROPERTY.	12801 Tampa Ave., SC			ate:	California	
Gustomer I	Billing Address:	Northridge, CA, 9132		Cour		USA	-C
	AFE#:			Well Locat		Aliso Canyon Storag	ge Facility
	Representative:			Well Ty		Gas	
Repor	t Generated By:	Jim LaGrone Standard Sesson 25		Job Ty Rig		Well Contro N/A	0)
Decer	iption of Charge		Com	ments	Units	Unit Charge	Total
	ell Control Specia			Hatteberg	1	Onit Griarge	TOLAI
Well	Control Specialis			s Martel	1		
- F	SE Specialist	4	Mike	Baggett	1		
	ell Conrol Engine			aGrone	1		
	ell Conrol Engine	V .		Gomez	1		
	ell Control Special		15152.71	Moran Curtis	1		
	SE Specialist	lat 4	100	nedy (N/C)	1		
	eral Daily Expense	e 1	200 1 011		7		
	Hotel				7		
	Equipment		Junk Shot I	Manifold Stby	1		
	Rental Cars				3		
			Estim	ated Daily Total			
-12-72	051		(*				
		ned to surface with seve	And the contract of the first of		Damlen - de -	IL 0 400 B	
	to 990 ft. /" casi	ng to 0,385 π, 5-1/2" s)	oued liner to 8,745	ft. 2-7/8" tubing to 8,510 ft. I	acker dep	U1 0,400 IL	
Hour	0-0%	005 04	the season value	Activity on Site	d nem	4202 1	
4:00				ad stable and crater unchang le and crater unchanged. Sl			red.
5:30	Crew char		ALL EVOIRIES SIZE	e and crater unchanged. Si	- 1344	poil Location secured.	
6:30		eration Meeting	05				
7:00		lief Well Operations Me	eting				
7:30		Site SS25. SITP = 133:					
7:45		DOGGR representativ					
8:00		d CalOSHA on site to d					
8:00				25 well. SITP = 1351 psi of 5-1/2" liner. SITP = 1352			
8:37		tagged bottom of SS25		91 0 1/4 mms. Off - 1992			
10:00		P = 1354 psi	C TTTT I III				
11:30	Lunch						
12;30		Site SS25. Well/Crater					
14:00				work to place anchor for han		N.	
14:00	SITP = 13		ai representatives	on site with thermal imaging o	roup (FLIR	9	
16:00	SITP = 13						
16:30			ge with night crew.	Continue to monitor well peri	odically thr	oughout night.	
	200.2	210001000000000000000000000000000000000	1,000 112.11	Paris and Paris	3 300		
			Po2.12	ated Operations			
			Proje	cted Operations			
				Approvals			
S	ignature Custom	ner Representative		Print Name		1	Date
		W-722049007		3,3,6,6,7,1-3,66,5			
				Mike Dozier			
81	tone Deste series	Casta Daniel		N.C. W.		-	Det
	iture Boots and	Coots Representative		Print Name			Date
Signa				Jim LaGrone			
Signa			Travel Hours	Employe	Mamo	Hours on Location	Travel Hours
	uae Nama	Harrie and analism	Travel Hours				
Employ	yee Name	Hours on Location		lim Lad	STORE	7114	0.5
Employ Richard	Hatteberg	10	0.5	Jim La0		10	0.5
Employ Richard Travi				Rolly G	omez	10	0.5 0.5 0.5
<b>Employ</b> Richard Travi Juan	Hatteberg s Martel	10	0.5 0.5		omez	10	0.5



-						BLOOD BEAUTY	
	- TTTTT	3-Feb-2016	e Commence	Well Name and N			eport# 1 11
	14	outhern California Ga 2801 Tampa Ave., SC			State:	Los Angele California	
Customer B		lorthridge, CA, 9132		C	ountry:	USA	
	AFE#:	and any area		Well Lo		Aliso Canyon Storag	ge Facility
	Representative:				II Type:	Gas	
	Generated By: J				b Type:	Well Contro	o)
		standard Sesnon 25			Rig No:	N/A	
	ption of Charges: Il Control Specialis			ments Hatteberg	Units 1	Unit Charge	Total
	Control Specialist	4	5 m di 2 m di 2 m	Martel	1		
	SE Specialist	4		Baggett	1		
Sr. We	Il Conrol Engineer	4		Grone	1		
	Il Conrol Engineer			Gomez	1		
	Control Specialist		131277	Moran	1		
	l Control Specialist SE Specialist	t 4		Curtis	1		
	al Daily Expense	1	Joe Kenr	nedy (N/C)	7		
OSIJO	Hotel				7		
	Equipment		Junk Shot N	Manifold Stby	1		
	Rental Cars				3		
			Estima	ated Daily Total			
		d to surface with seve	Acres and a second of the first of				
	o 990 ft. 7" casing	to 8,585 ft. 5-1/2" sl	otted liner to 8,745 f	t. 2-7/8" tubing to 8,510		epth 8,468 ft.	
Hour				Activity on Site			
0:00						P = 1344 psi. Location sec	ured
4:00 5:30	Arrive on Sit		ne north. Wellhead	and crater stable & static	. SITP = 13	22. Location secured.	
6:30		Operations Meeting			_		
7:30			esentatives on site.	Run handrail (5/8" cable	) from k-rail	anchor to bridge center upri	ght
	and tighten	with turnbuckles.					
10:00	SITP = 1339	psi. Porter Ranch 3	A at window, close	annular and pressure up	to 66 psi. N	lo reaction on SS25. SITP:	= 1337 psi
				action in SS25, SITP = 1	340 psi		
10:15		ned annular and CBU.					
10:15	SITP = 1363						
11:00	SITP = 1377	psi					
11:30	Lunch						
13:22	Return to Si		3. SoCal representa	atives on site for inspection	in.		
14:30	SITP = 1290						
	SITP = 1291	psi Secure location					
	SITP = 1291	psi Secure location e. Continue to monito					
	SITP = 1291						
15:30 17:00	SITP = 1291						
	SITP = 1291						
	SITP = 1291						
	SITP = 1291						
	SITP = 1291		or well thru night.				
	SITP = 1291		or well thru night.	cted Operations			
	SITP = 1291		or well thru night.	cted Operations			
	SITP = 1291		or well thru night. Projec				
17:00	SITP = 1291 Crew chang	e, Continue to monito	or well thru night. Projec	Approvals	No.		Data
17:00	SITP = 1291	e, Continue to monito	or well thru night. Projec		le		Date
17:00	SITP = 1291 Crew chang	e, Continue to monito	or well thru night. Projec	Approvals			Date
17:00 Siç	SITP = 1291 Crew chang	e, Continue to monito	or well thru night. Projec	Approvals Print Nan Mike Dozi	er		
17:00 Siç	SITP = 1291 Crew chang	e, Continue to monito	or well thru night. Projec	Approvals Print Nan	er		Date Date
17:00 Siç	SITP = 1291 Crew chang	e, Continue to monito	or well thru night. Projec	Approvals Print Nan Mike Dozi	ne		
Signat	SITP = 1291 Crew chang gnature Custome	r Representative	Projec	Approvals Print Nan Mike Dozi Print Nan Jim LaGro	ne ne		Date
Signat Employe	SITP = 1291 Crew chang gnature Custome ture Boots and Co	r Representative	Projec	Approvals Print Nan Mike Dozi Print Nan Jim LaGro	ne ne loyee Name	Hours on Location	Date Travel Hours
Signat  Employe Richard	SITP = 1291 Crew chang gnature Custome ture Boots and Co	r Representative  oots Representative  Hours on Location	Project  Travel Hours  0.5	Approvals Print Nan Mike Dozi Print Nan Jim LaGro	ne loyee Name	10	Date Travel Hours 0.5
Signat  Employe Richard I  Travis	SITP = 1291 Crew chang gnature Custome ture Boots and Co	r Representative  oots Representative  Hours on Location 10 10	Project  Travel Hours 05 0.5	Approvals Print Nan Mike Dozi Print Nan Jim LaGro Emp Jin	ne loyee Name n LaGrone	10	Travel Hours 0.5 0.5
Signat  Employe Richard I Travis Juan 1	SITP = 1291 Crew chang gnature Custome ture Boots and Co	r Representative  oots Representative  Hours on Location	Project  Travel Hours  0.5	Approvals Print Nan Mike Dozi Print Nan Jim LaGro Emp Jin	ne loyee Name	10	Date Travel Hours 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 14-Feb-2016 Well Name and Number: Porter#39A Report # 62 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 Region: California **Customer Billing Address:** Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Job Type: Report Generated By: John Hatteberg Relief Well Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Level Comments Units Unit Charge Total John Hatteberg Well Control Engineer 3 Well Control Engineer 3 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 JH/WC General Daily Expenses JH/WC Hotel Rental Car JH WC Rental Car 1 **Estimated Daily Total** Well Summary Hour Hour Activity on Site Continued to pull out of hole. Rigged up 2-7/8" handling tools. Laid down 10 joints 2-7/8" tubing. Rigged down 2-7/8" handling tools. Serviced 4:00 0:00 rig equipment 4:00 8:00 Made up Halliburton's 7" cement retainer. Ran in hole to 8,300'. Set 7" retainer at 8,298' Closed annular and tested retainer 1000 psi for 10 minutes. Un-stung from retainer and circulated above retainer while conducting safety 8:00 11:00 meeting with cementer's. Re-stung into retainer, Applied 20k down weight. Closed annular and applied 500 psi to back side Pressure tested comenting lines 4,115 pei for 5 minutes. Pumped 17 bbls water ahead at 4 bpm with 824 psi, followed by 131 sacks (42 12:00 bbls) 14.8 ppg slurry at 4 bpm 855 psi start and 4 bpm with 450 psi final. Displaced cement with 17 bbls water behind at 4 bpm 380 psi, 11:00 follow by 66 bbls 8.9 ppg drilling mud at 4 bpm with 180 psi start and .5 bpm 375 psi final. Bleed pressure off back side and opened annular. Un-stung from retainer. Circulated bottom up just above retainer at 8,298'. Observed 0:00 12:00 small amount of cement at bottoms up. Waited on cement, **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte **Print Name** Signature Boots and Coots Representative Date John Hatteberg 14-Feb-16 **Employee Name** Hours on Location Travel Hours **Employee Name** Hours on Location Travel Hours John Hatteberg 8 Wayne Courville 8 8 Arash Total Man-hours for Noted Date:



	Date: 11	5-Feb-2016		Well Name and	Number	Standard Sesnon 2	5 100	port# 1 1
C	4E 171.EV	o-reb-2016 Southern California Ga	as Company	vyen tvame and	County:	a significant property and significant	Angeles	poit# 1
	11	2801 Tampa Ave., SO			State:		lifornia	
Gustomer B	Billing Address:	lorthridge, CA, 9132	26		Country:		USA	
	AFE#:				Location:	Aliso Canyor		Facility
	Representative:				Vell Type:		Gas	
	Generated By: J	im LaGrone Standard Sesnon 25			Job Type:		II Control N/A	
	ption of Charges:	CENTIFICATION OF STREET	Cam	ments	Rig No: Units	Unit Char	2.22-204	Total
	Il Control Specialis			Hatteberg	Units	Ont Gran	ge	iotai
	Control Specialist	4		s Martel	1			
H	SE Specialist	4	Mike	Baggett				
	Il Conrol Engineer			aGrone	1			
	II Conrol Engineer II Control Specialist			Gomez Moran	1			
	I Control Specialist		1312.7	Curtis	1			
	SE Specialist		100 (5)	nedy (N/C)				
	ral Daily Expense	1			7			
	Hotel		Landa Landa	and the same of th	7			
	Equipment		Junk Shot	Manifold Stby	1 0			
	Rental Cars	1 1	P	-1-1 B-11. T-1-1	3			
			Estin	nated Daily Total				
andard Cane	an 25 has broaden	d to surface with seve	oral ficerities on mad	elto				
				ft. 2-7/8" tubing to 8,51	Oft. Packer d	epth 8,468 ft		
Hour	lo soo it. 7 casing	100,00010, 0-1/2 3/	otted inter to 0,745	Activity on Si		eput 0,400 ic		
5:30	Arrive on Ali	so Canyon facility.		Activity on 3	te			
6:30		ation Meeting						
7:30			s from north. Crate	er static and stable, no f	low. SITP = 1	248 psi		
8:00	TNT Crane	personnel on Site SS	25 to access winds	. Winds are too high for	roperations			-8
				@ 8300 ft in Porter Ran				
9:00				site for inspection. Blee	d pressure of	of tee and connect e	cho-mete	r to shoot leve
		d and Third Ecomete		level @ 2443 ft				
10.50				Arinde				
M. P. L. D. B.		and clear all personn	el due to very high	winds				
11:30	lunch			winds tatives, SITP = 1236				
11:30 13:30	lunch Return to Si		nd CPUC represen					
11:30 13:30	lunch Return to Si	te SS25 with SoCal a	nd CPUC represen					
10:50 11:30 13:30 15:00	lunch Return to Si	te SS25 with SoCal a	nd CPUC represen					
11:30 13:30	lunch Return to Si	te SS25 with SoCal a	nd CPUC represen					
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11:30 13:30	lunch Return to Si	te SS25 with SoCal a	nd CPUC represen					
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11:30 13:30	lunch Return to Si	te SS25 with SoCal a	and CPUC represen	tatives, SITP = 1236				
11:30 13:30	lunch Return to Si	te SS25 with SoCal a	and CPUC represen	tatives, SITP = 1236				
11:30 13:30 15:00	lunch Return to Si Secure Site	te SS25 with SoCal a	and CPUC represen	tatives, SITP = 1236				
11:30 13:30 15:00	lunch Return to Si	te SS25 with SoCal a	and CPUC represen	tatives, SITP = 1236	ame			Date
11:30 13:30 15:00	lunch Return to Si Secure Site	te SS25 with SoCal a	and CPUC represen	ected Operations  Approvals  Print N.				Date
11:30 13:30 15:00	lunch Return to Si Secure Site	te SS25 with SoCal a	and CPUC represen	tatives, SITP = 1236				Date
11:30 13:30 15:00	lunch Return to Si Secure Site	te SS25 with SoCal a	nd CPUC represen	ected Operations  Approvals  Print N.	ozier			Date
11:30 13:30 15:00	lunch Return to Si Secure Site	te SS25 with SoCal a SS25 of all personne	nd CPUC represen	ected Operations  Approvals  Print No.	ozier ame			
11:30 13:30 15:00 Signat	lunch Return to Si Secure Site  gnature Custome ture Boots and Co	te SS25 with SoCal a SS25 of all personne r Representative	Proje	ected Operations  Approvals  Print No.  Print No.  Jim LaG	ozier ame srone		21	Date
11:30 13:30 15:00 Signat	gnature Custome	te SS25 with SoCal a SS25 of all personne r Representative  Hours on Location	Proje	ected Operations  Approvals  Print No.  Print No.  Jim LaG	ozier ame irone nployee Name	Hours on Loc	21	Date Travel Hours
11:30 13:30 15:00 Signat Employ	gnature Custome ture Boots and Co	te SS25 with SoCal a SS25 of all personne  r Representative  toots Representative  Hours on Location	Proje  Travel Hours  05	ected Operations  Approvals  Print No.  Mike Do.  Print No.  Jim LaG.	ame Grone Inployee Name Jim LaGrone	10	21	Date Travel Hours 0.5
Signat  Employe Richard I	gnature Custome	te SS25 with SoCal a SS25 of all personne r Representative  Hours on Location	Proje	ected Operations  Approvals  Print No.  Print No.  Jim LaG	ozier ame irone nployee Name	100200000000000000000000000000000000000	21	Date Travel Hours
Signat  Employe Richard Travis Juan	gnature Custome ture Boots and Co	te SS25 with SoCal a SS25 of all personne  r Representative  Hours on Location 10 10	Proje  Travel Hours  05 05	ected Operations  Approvals  Print No.  Print No.  Jim LaG	ame  Frone  Inployee Name  Jim LaGrone  Rolly Gomez	10	21	Travel Hours 0.5 0.5



This is an estimate only for the date listed on this sheet. This is not an invoice.

Custor		Dotor	15-Feb-2016	x	Well Name	and Number:	Porter#39A	Report #	63
Custor	Custor		Southern California	Gas Company	vven marne	County:	Los Ang		03
Gustoi	A 1000	100	12801 Tampa Ave.,			Region:	Califor		
200	- 1 out 16		Northridge, CA 9132	6		Country:	USA		
Custo		se Order#	Todd Van de Putte,	Mike Dozier	, v	Vell Location: Well Type:	Alsio Canyon Sto Relief V		
			John Hatteberg	WINE DUZIEI		Job Type:	Relief V		
			Porter 39A			Rig No:	Ensign	587	
		f Charges:			ments	Units	Unit Charge	То	tal
	ell Control		3		latteberg Courville	1			
	ell Control		2		aghshenas	0			
		Expenses			MC	2	=3		
	Hote				/WC	2			
	Rental				NC NC	1			
	Kental	Jai		V					
				Estin	nated Daily Total				
					Well Summary		-37		
	1								
lour	Hour				Activi	ty on Site			
0:00	5:30	Waited or	cement.						
9:00	20:30	Pulled out	&C worked on EOJ re t of hole slowly from & noving WWT non-rota	3,296' to 7,793'. Circl	ulated bottoms up		bserved at surface). Pullo tool.	ed out of hole fi	rom
20:30	0:00		6-1/8" bit and Weathe 5,030'. (Midnight de				s. Ran in hole with Weath	erford's 7" 26#	casing
				Proj	ected Operations	5			
					Approvals				
		2			P	rint Name		Date	
	Signature	Customer	Representative			Man da Burn			
						Van de Putte			
			oots Representative		P	rint Name		Date	
Sig		ots and Co		Travel Hours	P		Hours on Location	Date 15-Feb-16	N. of

Total Man-hours for Noted Date:

## Confidential and Protected Materials Pursuant to PUC Section 583, GO 66-D, and D.17-09-023

7047 W. Greens Rd. Houston, TX. 77066 281-931-8884



	Date: 16-Fe	El Cana		Well Name a	ind Number:	Standard Sesnon 25	Report# 11
C	ustomer Name: South				County:	Los Ange	
Customer E		1 Tampa Ave., SC ridge, CA, 9132			State: Country:	Californ USA	ia
	AFE#:	nage, CA, 3132	•	W	ell Location:	Aliso Canyon Stor	rage Facility
Customer F	Representative:				Well Type:	Gas	
	Generated By: Jim L				Job Type:	Well Con	itrol
	Lease - Well #: Stand	TI THE REPORT OF THE		2520245	Rig No:	N/A	Total
	ption of Charges: Il Control Specialist	Level 4		nments Hatteberg	Units	Unit Charge	Total
	Control Specialist	4	5 miles 20 5 5 5 5 5 5	is Martel	1		
Н	SE Specialist	4	Mike	Baggett	1		
	Il Conrol Engineer	4		LaGrone	1		
200 00 00000 00000 0	Il Conrol Engineer I Control Specialist	4		/ Gomez n Moran	1		
	Control Specialist	4	1312.7	d Curtis	1 1		
	SE Specialist	-	100 (10	nedy (N/C)	1		
Gener	ral Daily Expense	1			7		
	Hotel			0.00	7		
	Equipment Rental Cars		Junk Shot	Manifold Stby	1 3		
	ivelital Cals		Ertin	nated Daily Total	3		
			Latin	nated Daily Total			
andard Sens	on 25 has broached to	surface with seve	ral fissures on pac	site.			
	to 990 ft. 7" casing to 8				,510 ft. Packer	depth 8,468 ft	
Hour				Activity on	Site		
5:30	Arrive on Aliso C						
6:30	Attend Operation		and former and allers and	OITD - 1405: (	Sall for any less risk	-line and ODIIO massage	ė.
6;40 7:30			r and made up to		all for crane, wil	eline and CPUC personne	,
8:00					l w/ noise/temp	og. SITP = 1185 psi	
11:00	Tag cement in the	g @ 8203". POH	making noise stat	ions every 250 ft. SI			
12:00			S25 for inspection				
14:00				ops. SITP = 1210 ps tor and change tools			
15:00				ol to fall. Made sever		e crown valve	
15:30			re string with addi		er entenner eree	7.9711.19119	
16:30	Secure site of al						
- 1							
	3.4						
3							
			Proj	ected Operations			
				Approvals			Eas
	gnature Customer Re	presentative			t Name		Date
Si				Miles	Dozier		
Si				Wilke	Dozlei		
Si		Representative		Prin	l Name		Date
	ture Boots and Coots			Jim L	aGrone		
	ture Boots and Coots						
Signat			The said the	1	Photogram V	\$6	
Signal	ee Name Hou	irs on Location	Travel Hours		Employee Name	Hours on Location	Travel Hours
Signal Employ Richard	ee Name Hou Hatleberg	10	0.5		Jim LaGrone	10	0.5
Signat Employ Richard I Travis	ee Name Hou	A STATE OF THE STA	THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE			TOP DOWN THE BUILT THE COMME	9 4 4 E A F A D G O A D G
Employo Richard I Travis Juan Budi	ee Name Hou Hatleberg : Martel	10	0.5 0.5		Jim LaGrone Rolly Gomez	10	0.5 0.5

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 Date: 16-Feb-2016 Well Name and Number: Porter#39A Report # 64 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer Wayne Courville 3 Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JHAVC 2 JH/WC Hotel 2 Rental Car JH 1 Rental Car WC 1 **Estimated Daily Total** Well Summary Hour Activity on Site Hour B&C Relief Well personnel working on End of Job Report or on standby waiting for Noise/Temp Log, CBL and tubing punch pressure test 5:30 17:30 **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 16-Feb-16 **Employee Name** Travel Hours **Employee Name** Travel Hours Hours on Location Hours on Location John Hatteberg 10 Wayne Courville 10 Arash 10 Total Man-hours for Noted Date:



	Date: 17-Feb	-2016		Well Name and Number:	Standard Sesnon	25   Report#   1
Cu	stomer Name: Southe			County:	Le	os Angeles
Customer B	illing Address: 12801	Tampa Ave., SC	9328	State:		California
2-01/02 TRUE (5)	AFE#:	dge, CA, 91326	5	Country:		USA Facility
Customer F	Representative:			Well Location: Well Type:		on Storage Facility Gas
	Generated By: Jim La	Grone		Job Type:		Vell Control
	Lease - Well #: Standa			Rig No:		N/A
Descrip	ption of Charges:	Level	Com	ments Ur	nits Unit Ch.	arge Total
	I Control Specialist	4		Hatteberg	1	
	Control Specialist	1		The state of the s	1	
	SE Specialist Il Conrol Engineer	4			1	
	Il Conrol Engineer	4	- 20.5.2.2	9727537	1	
	Control Specialist	4			1	
	Control Specialist	4	Bud	Curtis	1	
	SE Specialist		Joe Kenn	Year - Y	1	
Gener	al Daily Expense	1			7	
	Hotel	-	lands Ober 1		7	
	Equipment Rental Cars		Junk Shot N	100 000 00 T 40 M	3	
	Tomai Gala		Estima	ated Daily Total		
			Esullic	ness party rotal		
andard Senso	on 25 has broached to s	urface with seve	ral fissures on pad s	site.		
				2-7/8" tubing to 8,510 ft. Pack	er depth 8,468 ft	
Hour			236.30	Activity on Site		
5:30	Arrive on Aliso Ca	nyon facility.				
6:30	Attend Operation					
6:40			rom NW. SITP = 11	07 psi. Call for Don Shackelford	I, Crane, W/L, and CPI	JC personnel
7:00	Safety Toolbox Ta					
7:20	Lube and Bleed 1					
9:45	SITP = 100 psi. M			er logging began bleeding remail	ning pressure from well	1 & fill w 6 5 bbi H2O
12:45			ap out tools o perf o		mig pressure from wer	W III W V.O DUI ITZO
13:10	RIH w/ tubing pun	ch guns				
13:45	On depth and pur	ch tubing 8005-	06' w/ 4 spf. Positiv	e indication of gun firing		
14:30	FOH, gun fired					
14:40	Pressure test as p		a.			
17:30 17:45	Rig Up light plant		est nin, OK. Secure Tre	00		
18:15	Load out test eqp		ini, or George III			
19:00	Secure Site of all					
1	Boots & Coots RE	LEASED				
	= 1					
			Projec	ted Operations		
2.				Approvals		8.70
Sig	gnature Customer Rep	resentative		Print Name		Date
				Mike Dozier		
				Contract Statement		
Signat	ure Boots and Coots F	Representative		Print Name		Date
				Jim LaGrone		
	was I ii		Time	Part of W		
		on Location	Travel Hours	Employee Nat		P. C. S. C.
Employe	THURDEIN	12	0.5	Jim LaGrone		0.5
Employe Richard I	, and a sign of					
Richard I		12	0.5	Rolly Gomea		
Richard I	Moran Durks	12	05 05	Joe Kenned		

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 X THE PROPERTY OF LEGISTER Well Name and Number: Date: 17-Feb-2016 Porter#39A 65 Report # Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Well Location: Alsio Canyon Storage Facility Purchase Order# Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer 3 John Hatteberg Well Control Engineer 1 Wayne Courville Well Control Engineer 2 Arash Haghshenas 0 General Daily Expenses JH/WC 2 Hotel JH Rental Car JH 1 Airfare WC 1 **Estimated Daily Total** Well Summary Hour Activity on Site Hour B&C Relief Well personnel working on End of Job Report or on standby waiting for completion of Noise/Temp Log, CBL and tubing punch 5:30 19:30 pressure test results from SS#25 well. Results delivered to B&C, end of job report sent to Southern California Gas Company. Wayne Courville Travel from Los Angeles to Houston **Projected Operations** Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 17-Feb-16 Travel Hours **Employee Name** Travel Hours **Employee Name** Hours on Location Hours on Location John Hatteberg 14 Wayne Courville 0 14

Arash

Total Man-hours for Noted Date:

This is an estimate only for the date listed on 7047 W. Greens Rd. this sheet. This is not an invoice. Houston, TX. 77066 281-931-8884 A HOLLIGORT ON SERVICE Date: 18-Feb-2016 Well Name and Number: Porter#39A Report # 66 Customer Name: Southern California Gas Company County: Los Angeles 12801 Tampa Ave., SC 9328 California Region: Customer Billing Address: Northridge, CA 91326 Country: USA Purchase Order# Well Location: Alsio Canyon Storage Facility Customer Representative: Todd Van de Putte, Mike Dozier Well Type: Relief Well Report Generated By: John Hatteberg Relief Well Job Type: Lease - Well #: Porter 39A Rig No: Ensign 587 Description of Charges: Comments Units Unit Charge Total Level Well Control Engineer John Hatteberg Well Control Engineer Arash Haghshenas 0 1 General Daily Expenses JH 1 Rental Car JH Airfare JH **Estimated Daily Total** Well Summary Hour Hour Activity on Site John Hatteberg travel from Los Angeles to Houston. Projected Operations Approvals Signature Customer Representative Print Name Date Todd Van de Putte Print Name Signature Boots and Coots Representative Date John Hatteberg 18-Feb-16 Hours on Location Travel Hours **Employee Name** Travel Hours **Employee Name** Hours on Location John Hatteberg 0 Arash 0 Total Man-hours for Noted Date:

## Confidential and Protected Materials Pursuant to PUC Section 583, GO 66-D, and D.17-09-023

7047 W. Greens Rd. Houston, TX. 77066 281-931-8884



			-	DOORS SERVI			
	Date:	18-Feb-2016		Well Name a	nd Number:   S	Standard Sesnon 25	Report# 1
Customer Na	ame:	Southern California G	as Company		County:	Los Ar	geles
Customer Billing Addi	occi i	12801 Tampa Ave., S	C 9328		State:	Califo	ornia
	C33.	Northridge, CA, 913	26		Country:	US	
	E#:		Y	We	ell Location:	Aliso Canyon S	storage Facility
Customer Representa		7.21.3			Well Type:	Ga	
Report Generated					Job Type:	Well C	
Lease - W	ell#: S	Standard Sesnon 25			Rig No:	N/	Α
Description of Ch			Com	ments	Units	Unit Charge	Total
Sr. Well Control S	pecialis	st 1	Richard	Hatteberg	1		
HSE Special		1		Baggett			
Sr. Well Conrol Er			- 2005	aGrone	1		
Sr. Well Conrol Er				Gomez	1		
Sr. Well Control Sp			E. P. C. C. C.	Moran	1		
Sr. Well Control Sp		it 1		Curtis	1		
HSE Special			Joe Ken	nedy (N/C)	1		
General Daily Ex	pense	1			0		
Hotel				No. of the last	0		
Equipment			Junk Shot I	Manifold Stby	4		
Rental Cars	5	14 74 74			0	- 40	
			Estim	ated Daily Total			
dard Senson 25 has b	roache	ed to surface with sev	eral fissures on pad	site.			
/4" casing to 990 ft. 7"					510 ft. Packer der	pth 8,468 ft.	
our				Activity on			
		ots Transit to Housto		rativity on			
	Repor		11				
Fillal	Kepoi	1					
			Proje	cted Operations			
			Proje	cted Operations			
			Proje	cted Operations			
				Approvals			
Signature Cu	ıstome	er Representative		Approvals	Name		Date
Signature Cu	ıstome	er Representative		Approvals Print			Date
Signature Cu	istome	er Representative		Approvals Print	Name Dozier		Date
				Approvals Print Mike	Dozier		
		er Representative		Approvals Print Mike			Date
				Approvals Print Mike Print	Dozier		
Signature Boots		oots Representative	9	Approvals Print Mike Print	Dozier Name aGrone		Date
Signature Boots  Employee Name				Approvals Print Mike Print	Dozier Name aGrone Employee Name	Hours on Location	Date
Signature Boots		oots Representative	9	Approvals Print Mike Print	Name a Grone Employee Name Jim LaGrone	Hours on Location	Date
Signature Boots  Employee Name Richard Hatteberg		oots Representative	9	Approvals Print Mike Print	Name a Grone Employee Name Jim LaGrone Rolly Gomez	Hours on Location	Date
Signature Boots  Employee Name Richard Hatteberg Juan Moran		oots Representative	9	Approvals Print Mike Print	Name a Grone Employee Name Jim LaGrone	Hours on Location	Date
Signature Boots  Employee Name Richard Hatteberg		oots Representative	9	Approvals Print Mike Print	Name a Grone Employee Name Jim LaGrone Rolly Gomez	Hours on Location	Date