

SED-283
SS-25 Wellhead Pressures
I.19-06-016
ALJs: Hecht/Poirier
Date Served: May 3, 2021

SS25 Well Pressures

Ref #	Date	Time	Casing Pressure	Tubing Pressure	Surface Csg	Events	Notes
1	Normal Operation		2700	2700	Should be Zero	Well normally operates on casing injection and casing WD. It may be operated on dual flow	Well on injection - heard noise in wellhead
2	Friday, October 23, 2015	4:00 PM	270	1700	140	Ops noticed leaking Annulus fitting on well. They responded by closing 2 inch surface annulus valve and noticed 140 psi on gauge	When Ops closed injection header valve, the WKM SSV on casing closed almost immediately by low pressure pilot (setpoint is 270-300 psi). It was at that time Ops noticed sound of gas flow in wellhead.
3	Friday, October 23, 2015	4:10 PM	270	1700	140	Well shut-in by Ops	We initially suspected an up/down wellhead seal leak between the 7 inch casing and the 11-3/4 surface casing - Called Cameron
	Saturday, October 24, 2015	6:00 AM	270	1700	140	Cameron began repairing wellhead seals	Cameron initially tested both seals to 1200 psi, both bled down to 600. They then pumped 14 tubes of plastic into primary seal cavity.
4	Saturday, October 24, 2015	12:27 PM	290	1700	140	Haliburton circulating down tubing	Pumped 11.8 barrels of 10# polymer brine. Pressure on tubing rose to 3500. Shut down. 7 inch casing pressure remained at 290. Surface casing remained at 140. Monitored tubing pressure for 20 minutes. Tubing pressure bled to 2700.
	Saturday, October 24, 2015	2:00 PM	290	2700		Decided to pump and bleed down 7 inch casing to fill casing using 8.6# lease water.	
	Saturday, October 24, 2015	1:20 PM				Shut in tubing with 2700 psi on it	
	Saturday, October 24, 2015	1:30 PM		50		Put the well on Tubing flow to frac tank for few minutes and bled tubing down to 50 psi	
5	Saturday, October 24, 2015	2:07 PM	290	50	140	Haliburton began pumping 8.6 lb lease water down 7 inch casing	Started pumping 8.6# lease water at a rate of 1.5 b/m. At 20 barrels increased rate to 2.5 b/m, at 33 barrels increase to 3.5 b/m, Began monitoring location for gas. Inspected the wellhead, noticed the noise and vibration had subsided. Continued pumped. At 89 barrels gas broke through surface at location and surrounding location. Continued Monitoring
	Saturday, October 24, 2015	2:30 AM	400			When we shut down after 89 barrels and gas came to surface and we shut down, 7 inch casing pressure increased to 400 psi	
6	Saturday, October 24, 2015						
7	Saturday, October 24, 2015	5:00 PM	306	177			
8	Saturday, October 24, 2015	5:23 PM	307	200			
9	Saturday, October 24, 2015	5:30 PM	309	210			
	Saturday, October 24, 2015	5:40 PM	310	218			
	Saturday, October 24, 2015	5:50 PM	311	226			
	Saturday, October 24, 2015	6:00 PM	312	232			
	Saturday, October 24, 2015	6:10 PM	314	239			
	Saturday, October 24, 2015	6:30 PM	316	251			
	Saturday, October 24, 2015	7:00 PM	318	262			
	Saturday, October 24, 2015	7:30 PM	322	274			
	Sunday, October 25, 2015	8:45 AM	377	616	450		

3001 421 674 459

9-10
Bbls
to tbg

11.8
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150
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