

**Ex. II-1**

**DATA REQUEST / PRELIMINARY INVESTIGATION RELATED TO SOUTHERN CALIFORNIA GAS COMPANY'S ALISO CANYON FACILITY**

Data Request No: SED DR-30

Date of this Request: October 24, 2018

Date Responses Due: **On or before November 9, 2018**

To: Gregory Healy  
Regulatory Case Manager  
Southern California Gas Company  
PH: (213) 244-3314  
Email: ghealy@semprautilities.com

Sabina Clorfeine  
Email: SClorfeine@semprautilities.com

From: Maria C. Solis, PE  
California Public Utilities Commission Safety and Enforcement Division Gas  
Safety and Reliability Branch  
Senior Utilities Engineer – Specialist

Originated by: Maria C. Solis [ad. Holter, Gruen]  
Email: ms8@cpuc.ca.gov  
Phone: (916)928-2534

Cc:  
Kenneth Bruno  
Nicholas Sher  
Darryl Gruen  
Randy Holter  
Yen-Ken Chiang  
Michelle Wei  
Maria Solis

## INSTRUCTIONS

**You are instructed to answer the following Data Requests in the above-captioned proceeding, with written, verified responses per Public Utilities Code §§ 309.5, 314, 314.5, 581 and 582, and Rules 1.1 and 10.1 of the California Public Utilities Commission’s Rules of Practice and Procedure. Restate the text of each request prior to providing the response. For any questions, email the SED contact(s) above with a copy to the SED attorney.** These data requests should be considered continuing so that if any information provided changes, or new information becomes available that is responsive to a request, respondent is requested to supplement its response to SED.

If the respondent objects to any of these data requests, please submit specific objections within five business days. If respondent asserts any privilege, please provide within ten business days a privilege log listing all documents the respondent claims are privileged and the following information for each document: the basis for the privilege claimed, a summary of the purpose and subject of the document withheld, the date of the document, the author(s), and all recipients of the document.

In responding to each request please restate the text of the request prior to providing the response, and provide the name of the person(s) answering the request, the title of such person(s), and the name and title of the person they work for. With respect to each document produced, identify the number of the data request and question number that the document is responding to.

These data requests do not-supersede or excuse any pending oral data requests to the respondent unless that is expressly stated in the written data request.

**Identify the person providing the answer to each data request and his/her contact information. Responses should be provided both in the original electronic format, if available, and in hard copy. (If available in Word format, send the Word document and do not send the information as a PDF file.) All electronic documents submitted in response to this data request should be in readable, downloadable, printable, and searchable formats, unless use of such formats is infeasible. Each page should be numbered. If any of your answers refer to or reflect calculations, provide a copy of the supporting electronic files that were used to derive such calculations, such as Excel-compatible spreadsheets or computer programs, with data and formulas intact and functioning. Documents produced in response to the data requests should be Bates-numbered, and indexed if voluminous. Responses to data requests that refer to or incorporate documents should identify the particular documents referenced by Bates-numbers or Bates-range.**

**If a request, definition, or an instruction, is unclear, notify SED as soon as possible. In any event, answer the request to the fullest extent possible, specifying the reason for your inability to answer the remaining portion of the Data Request.**

**In answering these data requests, the respondent should adhere to the Commission’s Rules of Practice and Procedure (Rules), with particular attention to Rule 1.1 of those Rules, which requires the respondent to “never mislead the Commission or its staff by an**

**artifice or false statement of law of fact.” The respondent should keep in mind that “Violations of Rule 1.1 can occur by a failure to correctly cite a proposition of law, a lack of candor, withholding information, providing incorrect information, or a failure to correct mistaken information.”<sup>[1]</sup> SED expects the respondent to respond to these data requests with the highest level of candor.**

### **DEFINITIONS**

Unless the request indicates otherwise, the following definitions are applicable in providing the requested information.

1. The terms “document,” “documents,” “documentary material”, or “documentation” include, without limitation, the following items, whether in electronic form, printed, recorded, or written or reproduced by hand: reports, studies, statistics, projections, forecasts, decisions, and orders, intra-office and interoffice communications, correspondence, memoranda, financial data, summaries or records of conversations or interviews, statements, returns, diaries, calendars, work papers, graphs, notebooks, notes, charts, computations, plans, drawings, sketches, computer printouts, summaries of records of meetings or conferences, summaries or reports of investigations or negotiations, opinions or reports of consultants, photographs, bulletins, records or representations or publications of any kind (including microfilm, videotape, and records however produced or reproduced), electronic or mechanical or electrical records of any kind (including, without limitation, tapes, tape cassettes, discs, emails, and records) other data compilations (including without limitation, input/output files, source codes, object codes, program documentation, computer programs, computer printouts, cards, tapes, discs and recordings used in automated data processing, together with the programming instructions and other material necessary to translate, understand, or use the same), and other documents or tangible things of whatever description which constitute or contain information within the scope of these data requests.
2. “Relating to” or “related to” means concerning, addressing, referring, discussing, commenting  
upon, analyzing, mentioning or involving in any way.
3. “Identify”:
  - a. When used in reference to a person includes stating his or her full name, his or her most recent known business address and telephone number, and his or her present title or position;
  - b. When used in reference to documents includes stating the nature of the document (e.g., letter, memorandum), the date (if any), the title of the document, the identity of

---

<sup>[1]</sup> Administrative Law Judge’s Ruling Denying Southern California Edison Company’s Motion For Summary Adjudication Of Alleged Rule 1.1 Violations Related To Data Request Responses Dated December 10, 2010, I.09-01-018, January 10, 2012, p. 6.

the author and/or the document, the location of the document, the identity of the person having possession, control or custody of the document, and the general subject matter of the document.

4. "CPUC" as used herein refers to the California Public Utilities Commission.
5. "SED" as used herein refers to the Safety and Enforcement Division.
6. "SCG" or "SoCalGas" as used herein refers to the Southern California Gas Company and/or its affiliates.

## General Instructions to Be Followed when Providing a Data Response

1. When providing documentation in response to a particular question, please follow these instructions.
  - a. Please create a folder with the Data Request and Question Number that a particular document is responding to. For example, if the document responds to SED Data Request 5, Question 5e, please create a folder entitled SoCalGas Response to SED Data Request 5, Question 5e. Only documents responsive to that question can be put in that folder.
  - b. Please do not duplicate documents in a response to a data request. For example, if there is an email thread with five responses to an initial email that responds to a question, please only provide the entire thread once.
  - c. Please do not redact any items in an email thread unless SCG is asserting a specific privilege. As a matter of practice moving forward, SED requests that the entire thread related to a responsive email be provided in unredacted form (except where a privilege is asserted), and that the part of the thread that SoCalGas believes is responsive to the data request be highlighted in yellow.
  - d. For each instance where an item in an email thread is redacted because of privilege, please provide the asserted privilege directly on the redaction.
  - e. Please keep an ongoing spreadsheet list that contains all of SED's Data Requests. Please provide that updated spreadsheet as part of the response to each of the future responses to SED. Please save that spreadsheet with the file name "SED Data Request List".
  - f. If a Data Response cannot be provided as an email attachment, please hand deliver a flash drive to Randy Holter. By hand delivering, this means that the SCG messenger should ensure that they are handing the device upon which the information is stored to each SED representative. Dropping a device in the mail, at a CPUC mailroom, or elsewhere is not adequate. The device shall be presumed to not be delivered to SED until SED's attorney contacts SCG's attorney confirming receipt by all SED recipients. In cases where the documents are provided in response to a subpoena, SED will presume the subpoena has not been complied with unless and until SED's attorney emails SCG's attorney confirming receipt of documents by the due date identified on the subpoena.
  - g. Provide PDF in batch documents with bates range of less than 3000 sheets or less than 1.5GB of memory in size, whichever is smaller.
  - h. Please make all documents searchable and printable format

## This Request

DR – 30

1. For this set of questions, please reference Attachment 1, an email data request from Maria C. Solis on 11/13/18 and the corresponding data response email from Jeff Koski question #1 (attachment 1 and 2).
  - a. Please complete this time and provide a timeline of events to date. Please also include and identify all well kill plans between 10/23/15 and the final well kill and well abandonment on 2/28/16.
  - b. Please also include all activities relating to unplanned well kill plans developed by Storage Engineering per Company Operations Standard, Well Operations – Well Kill 224.0030.<sup>1</sup>
  - c. Also, include details of all fluids used during well kill attempts per Section 4.2 of the same procedure referenced in question 1b.
  - d. Also, include each version of the entire well file for SS-25 that was provided to Storage Engineering and/or others that participated in developing the plans for each well kill event.
  - e. Also include from Company Operations Standard, Well Operations – Well Kill 224.0030 Section 1.1 the names of all individuals, and their qualifications in compliance with Section 1.1 of the procedure below.
  - f. In addition, include all consultants and contactors that were used to assist with every well kill attempt in compliance with Section 1.1 of the procedure.<sup>2</sup> As part of this exercise, please name each individual, specify who they were managed by, and provide their applicable individual scope of work included within their consultant agreements or construction contracts. Please include this information on

---

<sup>1</sup> For reference, Section 4.1.1 states, “This document provides guidelines for routine, planned kill jobs. Emergency kills that are performed because of unplanned conditions that may result in uncontrolled discharge of gas require special procedures for each case. Special kill plans for emergency conditions are prepared by **Storage Engineering.**”

<sup>2</sup> “Section 1.1 The **Storage Field Engineer** is responsible for well kills. Responsibility may be delegated to certain other **Company** personnel in some circumstances. The person in charge, in accordance with pre-arranged kill plans immediately handles emergency kill jobs. The **Storage Operations Manager** and **Storage Engineering Manager** are informed of such incidents as soon as practical.”

a spreadsheet that lists at a minimum the following: Name, Title, Company of Employment, Qualifications, Duties from 10-23-15 to 2/28/16.

- g. Per Section 5.0 Records, please also provide records from the Rig Supervisor and all Daily Activity Reports related to each well kill attempt.<sup>3</sup>
- h. Please provide all information related to Company Operations Standard, Routine Well Kills, 224.0045 and Company Operations Standard, Well Operations - Well Kill, 224.0030, including what specific sections of these procedures if any were utilized during any of the well kill attempts and how these procedures were specifically implemented.
- i. Also, include the information provided in response to question 1h on the timeline provided in response to question 1 (a) above.
- j. For questions 1 a-d and h above please provide at a minimum the following information in table form with accompanying records referenced.
  - i. Project-specific “data”<sup>4</sup> information used on each well kill attempt project:
  - ii. Provide the recorded sources of information and data that SCG used to control and kill well Standard SS-25.
  - iii. Provide records of what information data set and engineering calculations were provided to each lead decision maker and what final kill-program analysis was agreed upon for each kill attempt.
  - iv. Provide records of names of individuals who approved the final work plan on each kill-attempt project.

---

<sup>3</sup> As stated under Section 5.0, “Section 5.2. If the well is killed by a **Rig Supervisor**, attach these records to the Daily Activity Report. If the well is killed by someone other than a **Rig Supervisor**, retain these records in the field well file.

<sup>4</sup> The meaning of "data" includes, but is not limited to: kill fluid pump rate, reservoir flow rate to be overcome by pump rate, kill fluid composition, kill fluid weight, reservoir pressure and etcetera and all final calculations used for each "data" element

- v. Reference all SoCalGas procedures followed that SoCalGas has not previously identified. Include reference to the section number and quote the passage.
  - vi. Reference all applicable SoCalGas procedures that SoCalGas believes it did not follow. Include reference to the section number and quote the passage.
  - vii. For all SoCalGas procedures that it did not follow, please explain the reasons for not following its own procedures.
2. For this set of questions, please reference attachment 1, an email data request from Maria C. Solis on 11/13/18 and the corresponding data response email from Jeff Koski question #5 and #14 (see email below).

**From:** Koskie, W. Jeff [<mailto:WKoskie@semprautilities.com>]

**Sent:** Sunday, November 15, 2015 2:46 PM

**To:** Solis, Maria; Epuna, Matthewson

**Cc:** Gonzalez, Hector O; Smith, Paul; Bauer, Troy A.

**Subject:** RE: Underground Storage facilities - CPUC Data Request Response - Aliso Canyon Storage Facility

Maria/Matt,

Below are responses to final group of initial data request items.

Please let me know if you have any questions, or if I can be of any further assistance.

**5. What is the initial proposed future mitigation to this type of incident.**

Our first priority is to stop the flow of gas using standard practices that ensure continued safety, offer the greatest likelihood of a prompt resolution and are appropriately tailored to the individual circumstances of this leak. Once we have the current incident under control, SoCalGas will evaluate whether anything can be done to mitigate the possibility of such incidents in the future. **This evaluation will likely be part of our root cause analysis of the current incident.**

**14. Any initial failure investigation findings to date.**

We know the well has a casing leak. Until the leak is stopped and the well is inspected, we cannot determine the extent or the cause of the failure. **Root cause investigation will commence at that time.**

*W. Jeff Koskie, ARM*  
Pipeline Safety and Compliance Manager  
ML SC9334

Cell Phone [REDACTED]  
Office Phone (661) 775-8770 Fax: (213) 244-8155  
[<mailto:wkoskie@semprautilities.com>](mailto:wkoskie@semprautilities.com)

- a. Based on the data response above to questions #5 and #14 above please provide the SoCalGas Root Cause analysis/investigation. See highlighted text that specifically states a root cause investigation and a root cause analysis will be conducted and provided to completely respond to questions #5 and #14.
3. For this next question, please reference question #13 of attachment 1, an email data request from Maria C. Solis on 11/13/18. For convenience, the question states, "Estimate of the cost to mitigate the incident. I'll request this in the draft data request". Please provide a data response to question #13, a data response has not been provided to date specifically to respond to data request from 11/13/18.
4. For this next set of questions, please refer to the incident reported in the following Los Angeles Daily News article <https://www.dailynews.com/2015/10/29/gas-leak-near-porter-ranch-lingers-nearly-one-week-later/>.
  - a. Please provide all records of this incident, including root cause analysis and mitigation.
  - b. If this is not the date of the specific incident, please provide actual date of the incident this article is referring to.
5. Please provide the resiliency plan and timeline of resiliency plan that was put in place when SoCalGas determined that the incident beginning October 23, 2015 required customer evacuations.
6. Did SoCalGas have a resiliency plan in place immediately prior to the one provided in response to question 5? If so, please provide it.
7. Has SoCalGas's changed its company-wide resiliency plan since the one it created based upon the incident beginning October 23, 2015? If so, provide all such revised plans regardless of whether they are titled "resiliency" plan or something else.
8. Please identify all changes made to the plans provided in response to questions 5, 6, and 7.
9. Please provide all Incident Status Summary ICS forms 209 for daily operations from 10-23-15 to 2-28-16.
10. Please submit any SoCalGas procedures, standard practices, or internal instructions that relate to cathodic protection standards for downhole well casings as applied to Aliso Canyon well casings, tubing, or other downhole equipment.

11. Were any of the procedures, standards, or instructions provided in response to question 10 performed on well SS-25?
  - a. If yes, please provide all records in relation to any cathodic protection used on well SS-25.
  - b. If not, please explain why not.
12. Provide the well file for SS25 as it existed on October 23, 2015.
13. Provide each iteration of the well file for SS 25 between and including October 23, 2015 and February 28, 2016. Be sure to include the date showing when each new iteration was created.
14. Provide the excerpt of the change log that documents all changes to the SS25 well file between October 23, 2015 and February 28, 2016.
15. Please provide all reasons for each change made to the well SS25 well file between October 23, 2015 and February 28, 2016.
16. As of October 23, 2015, how many versions of the well SS25 well file were there at SoCalGas (please include the master copy of the well file in answering this question)?
  - a. Produce all such well files.
  - b. As of October 23, 2015, did all versions of the SS25 well files match one another?
  - c. If the answer to question 16a is anything other than an unqualified "yes", please list all discrepancies between the master SS25 well file and each of the others.
  - d. Did any versions of the SS25 well files exist between October 23, 2015 that SoCalGas cannot produce in response to this data request?
  - e. If the answer to question 16c is yes, how many?
  - f. If the answer to question 16c is yes, what happened to each file that SoCalGas cannot produce today?
17. Provide the change log or change logs showing changes to all SoCalGas well files. The change logs should include data entered at the date each log was created and include data that was included up through the date of this data request.
18. Please refer to the attached email thread, dated November 4, 2015 including communications between Amy Kitson, Glenn La Fevers, Jimmie Cho and Avideh Razavi. For reference (see attached 3), the email thread states in part,

"Glenn and Jimmie-  
Avi is available at noon to go through the SS 25 data with you."

  - a. Please explain in detail communications of this meeting.
  - b. Please provide all communications related to this meeting with regards to "SS 25 data".

Please reference and comply with “General Instructions to Be Followed when Providing a Data Response” notes, above.

**[end, This Request]**

---

Please send your response to the Originator, and a copy of your response to Project Coordinator and e-copies to the following SED representatives:

Kennth.bruno@cpuc.ca.gov  
Randy.holter@cpuc.ca.gov  
Nicholas.sher@cpuc.ca.gov  
Darryl.Gruen@cpuc.ca.gov  
yen.chiang@cpuc.ca.gov  
michelle.wei@cpuc.ca.gov  
Maria.Solis@cpuc.ca.gov

Please provide the above information as it becomes available but no later than the due date identified above. If you are unable to provide the information by this date, please notify the Originator **at least** 3 days before the data request is due and provide your best estimate of when the information can be provided. Please identify the person who provides the response and his/her phone number and email address.

## Attachment 1

**RE: Underground Storage facilities**

**From** Solis, Maria **Date** Friday, November 13, 2015 4:40:00 PM  
**To** Bauer, Troy A.; Smith, Paul; GLaFevers@semprautilities.com  
**Cc** Epuna, Matthewson; Jeff Koskie  
**Subject** RE: Underground Storage facilities

Hello Paul, Troy, and Glenn, I've been asked by the LA CPUC office to assist with the CPUC's investigation of the incident reported below. The following is a list of my initial data requests. Thank you in advance for your prompt reply. I'm requesting a 48 hour return on this initial data request. I'm assuming based on your emergency management plan that all of these items have already been prepared. If any of the items are in draft form at this juncture in your investigation please forward them under the confidentiality order asap. If you can't respond to all the data requests within 48 hours of this email please let me know when the data request will be available.

1. Time line that describes all the events to date, including initial response, recovery and mitigation.
2. Were any customers affected by this incident as far as delivery of gas? If so, how were they effected and how was the impact mitigated?
3. Estimate of product released to date, both to the atmosphere and underground.
4. Were any shallow groundwater aquifers or aquitards affected by the incident? If so were the local drinking water supply utilities notified? If so when and who was notified?
5. What is the initial proposed future mitigation to this type of incident.
6. Estimated time to correct the issue.
7. Emergency response team that was put in place as a result of the incident.
8. Any injuries or potential harm to employees or the public.
9. Sections of your storage facility emergency plan/procedures/standards that were initiated to respond to the incident.
10. A recent published copy of the Aliso Canyon emergency response plan and any other additional emergency response plans/procedures/standards that specifically call out gas storage wells.
11. Notification to date if any to local residents concerning the incident.
12. Notification to date if any to local first responders.
13. Estimate of the cost to mitigate the incident.
14. Any initial failure investigation findings to date.
15. Documentation of any safety meetings or safety tailgate meetings that have occurred to date.

**From:** USRB  
**Sent:** Sunday, October 25, 2015 11:21 AM  
**To:** SED-Electric & Communication-North; SED-Electric & Communication-South; SED-Gas Section-North; SED-Gas Section-South; Beck, Valerie; TerKeurst, Charlotte  
**Subject:** FW: Gas Incident: Southern California Gas Company Incident No: 151025-8173

## Attachment 2

Submitted with Watermark that read: "CONFIDENTIAL - SUBMITTED UNDER PROVISIONS OF GENERAL ORDER 66-C AND SECTION 583 OF THE PUBLIC UTILITIES CODE DURING COMPLIANCE AUDIT"

### **Aliso Canyon Natural Gas Leak**

#### **November 15, 2015 DRAFT Timeline of Events\***

- Friday, October 23 – Leak discovered, area made safe for well procedures, personnel and equipment mobilized; standard procedures began, internal notifications made.
- Saturday, October 24 – Standard procedures to stop leak not effective. SoCalGas brings in additional external expertise (Onyx & Halliburton). Regulatory notifications begin.
- Sunday, October 25 –Boots and Coats experts arrive, mobilize and begin evaluation. SoCalGas Media & Employee Communications team participating. Initial information regarding situation distributed to Customer Contact Center and others that night. Regulatory notifications expanded.
- Monday, October 26 – SoCalGas' Emergency Operations Center (EOC) activated in monitor mode to provide support to Aliso Canyon Incident Command team. Evaluations continue on the well. Customer message posted on socialgas.com. SoCalGas holds community meeting on Aliso Canyon Turbine Replacement Project. Provided information and answers about leak. Some customers expressed anger/frustration about the leak.
- Tuesday, October 27 – Crews conduct more diagnostics and tests. Letter sent to customers, posted, emailed to elected officials, HOAs. SoCalGas sets up dedicated email and phone hotline for customer inquiries. Daily operational briefing set up for fire dept., emergency management and elected official Public Information Officers (PIO). Daily briefings with SCAQMD begin.
- Wednesday, October 28 – Crews use wireline rig for diagnostics. KTLA-TV Channel 5 and KABC-TV Channel 7 cover story. Customer letter hand delivered to 1,400 homes. Public information booth set up at Aliso Canyon facility and staffed from 10 a.m. and 5 p.m. daily.
- Thursday, October 29 – Multiple diagnostics, including initial "wireline" completed. Determined need for coiled tubing rig to be brought in. SoCalGas mails 8,100 letters to Porter Ranch area. SoCalGas creates Frequently Asked Questions fact sheet to help respond to customer questions.
- Friday, October 30 – Wireline equipment removed. Update letter, fact sheet emailed with message that odor will last. SoCalGas begins daily air sampling of multiple random sites on site and in community which is available on socialgas.com. KTLA-TV Channel 5 and KABC-TV Channel 7 cover protest at Aliso Canyon gates by local activists. Less than 20 attend rally. L.A. Daily News runs story and photos: "Natural Gas Leak Near Porter Ranch Lingers Nearly One Week Later."

- Saturday, October 31--Crews at SoCalGas work to prepare site for coiled tubing rig. SoCalGas delivers an update via letter to 1,400 homes closest to the facility.
- Sunday, November 1—Coiled tubing rig arrives in late afternoon. Adjacent wells killed (one Saturday & one Sunday) in preparation for work on SS-25.
- Monday, November 2 – Equipment unloaded, set up. SoCalGas mails letter to 8,100 customers. SoCalGas.com begins daily posting of updates; Posted air sampling results on socialgas.com.
- Tuesday, November 3 – Coiled tubing ready set up and connected, started pressure testing.
- Wednesday, November 4 – Coiled tubing pressure testing continues. SoCalGas briefs representatives from L.A. City and County Fire Departments, Hazmat, SCAQMD, DOGGR, L.A. County Department of Health and elected officials prior to the Porter Ranch Neighborhood Council meeting. SoCalGas speaks at the Porter Ranch Neighborhood Council. KTLA-TV Channel 5 and KCBS-TV Channel 2, KNX 1070 radio cover. Ken Bruno from CPUC SED visits with Jimmie Cho, SoCalGas Senior Vice President - Gas Operations and System Integrity, for tour of site. L.A. Daily News runs story: “Leaking Natural Gas Well Concerns Porter Ranch Residents.”
- Thursday, Nov 5. – Coiled tubing pressure testing completed. L.A. Daily News reports on community meeting. Reporter Greg Wilcox visits Aliso Canyon main office area and interviews Jimmie Cho and Glenn La Fevers, SoCalGas’ Storage Operations Manager. SoCalGas supplies photos to press. L.A. Daily News updates story: “Porter Ranch Residents Confront Officials Over Gas Leak.”
- Friday, Nov. 6 – Coiled tubing rig begins breaking through the blockage and introducing fluid into the well. SoCalGas adds daily p.m. email briefing to local PIOs and elected officials.
- Saturday, Nov 7 - Second day of multi-day coiled tubing operation focuses on additional evaluation to guide the next step efforts to stop the flow of gas. Wireline rig set up. SoCalGas continues air monitoring. CARB/CEC fly plane over site to monitor methane. L.A. Daily News online article “New Attempt Made to Stop Gas Leak” featured on home page, reports on situation and includes photos coiled tubing rig and of SoCalGas execs meeting with LAFD officials on site. Posted on front page of weekend edition.
- Sunday Nov. 8 – Well-management experts continue multi-day evaluation. The focus was on continued evaluation of the well pipe conditions. Information from multiple diagnostic tests will guide next steps to safely stop the flow of gas. L.A. Daily News runs column: “Leaking Well a Vexing Problem.”
- Monday November 9 – Well-management experts continue multi-day evaluation. L.A. Daily News runs column: “Crews Make Progress in Repairing Gas Leak.”

- November 10 - Additional well testing work performed. Hosted a site visit by representatives from state and local agencies and elected offices. Visitors were provided an overview of Aliso Canyon and Storage operations, and briefed on the current status of efforts to mitigate the leaking well.
- November 11 - Conducted data analysis, finalized strategy to stop the leak, and began preparing the site with the appropriate well-control equipment.
- November 12 - Successfully installed the “bridge plug” in the well tubing and continued to prepare the well site.
- November 13 - Tubing perforation activities performed and attempted stop the flow of gas by putting fluids down the well. During this operation, there was a release of a mist into the air. Based on the information at this time, it is not believed that these materials pose a threat to public health. Out of an abundance of caution, residents were notified to stay inside. Once determined that the mist was contained to our facility, residents were again notified that there was no reason to remain inside. Office of Emergency Services and National Response Center were notified of the release. They were updated at 3:14 pm that flow was reduced.
- November 14 – Evaluating the well conditions, preparing the site and determining the best strategy for our continued efforts to stop the flow of gas. Representatives from the L.A. County Health & Hazmat have inspected the site today and yesterday and observed our containment procedures. Collected samples of the mud and liquid from yesterday’s release and having it analyzed and expect results tonight. At 1:05 pm OES and NRC were notified of release containment and minor additional release of crude oil at 4:30 am.

\* Based on best available information at this time.

Message

---

**From:** Cho, Jimmie I [JCho@semprautilities.com]  
**Sent:** 11/4/2015 8:16:46 AM  
**To:** Kitson, Amy [AKitson@semprautilities.com]; La Fevers, Glenn [GLaFevers@semprautilities.com]  
**CC:** Razavi, Avidah [ARazavi2@semprautilities.com]  
**Subject:** RE: SS 25 Data for Tonight's Meeting

That should work. Let's meet at the office trailer at noon. If we're not here, we will be on our way back from hosting a site visit with SED.

**From:** Kitson, Amy  
**Sent:** Wednesday, November 04, 2015 8:10 AM  
**To:** La Fevers, Glenn; Cho, Jimmie I  
**Cc:** Razavi, Avidah  
**Subject:** SS 25 Data for Tonight's Meeting

Glenn and Jimmie –

Avi is available at noon to go through the SS 25 data with you. If this is not a good time please let her know and she can adjust.

Thanks,

Amy

Ex. II-2

**SOUTHERN CALIFORNIA GAS COMPANY**  
**CPUC-SAFETY AND ENFORCEMENT DIVISION**  
**DATA REQUEST 17**  
**DATED MARCH 30, 2018**

**RESPONSE DATED MAY 23, 2018**

SoCalGas provides the following response to the California Public Utilities Commission–Safety and Enforcement Division’s March 30, 2018 request for information. This response is based upon the best available non-privileged information known at this time, and is subject to change and/or supplementation as SoCalGas’ investigation continues, and additional information becomes available.

SoCalGas submits these Responses, while generally objecting to any Request that fails to provide a defined time period to which SoCalGas may tailor its Response, and to the extent that any Request is overly broad, vague, ambiguous, unduly burdensome, assumes facts, or otherwise fails to describe with reasonable particularity the information sought. SoCalGas further submits these Responses without conceding the relevance of the subject matter of any Request or Response. SoCalGas reserves the right to object to use of these Responses, or information contained therein, in any dispute, matter or legal proceeding before any court, tribunal, agency or governmental action. Finally, at the time of this Response, there are no pending oral data requests from the CPUC-SED to SoCalGas.

**Question 12:**

Produce all communications between the Aliso drilling manager and operations related to well kill attempts at SS-25 beginning on October 23, 2015 until February 18, 2016.

**Response 12:**

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

SoCalGas objects to this request because it is vague and ambiguous, and further objects to the extent the request calls for attorney-client privileged information and/or attorney work product. Notwithstanding these objections, SoCalGas responds as follows: Please see electronic documents with Bates Ranges AC\_CPUC\_SED\_DR\_17\_0001450 through AC\_CPUC\_SED\_DR\_17\_0042630. Responsive documents were identified by searching relevant SoCalGas employees’ email data for correspondence to, from, or copying Drilling Manager Todd Van de Putte, dated October 23, 2015 through February 18, 2016.

Message

---

**From:** Van de Putte, Todd [TVandePutte@semprautilities.com]  
**Sent:** 11/24/2015 6:59:38 AM  
**To:** 'Walker, Alan@DOC' [Alan.Walker@conservation.ca.gov]; Geroch, John@DOC [John.Geroch@conservation.ca.gov]; Abel, Pat@DOC [Pat.Abel@conservation.ca.gov]; Bruce Hesson (bruce.hesson@conservation.ca.gov) [bruce.hesson@conservation.ca.gov]  
**CC:** Gustafson, Kris@DOC [Kris.Gustafson@conservation.ca.gov]; Walker, Scott@DOC [Scott.Walker@conservation.ca.gov]; Schwecke, Rodger [RSchwecke@semprautilities.com]; Razavi, Avidesh [ARazavi2@semprautilities.com]; Lane, Bret [JLane@semprautilities.com]; Cho, Jimmie I [JCho@semprautilities.com]; Neville, Dan [DNeville@semprautilities.com]; Kargar, Azra [AKargar@semprautilities.com]  
**Subject:** So Cal Gas - Aliso Canyon - Standard Sesnon 25 - Daily Summary - 11-23-15 / Estimated Work Plan 11-24-15  
**Attachments:** SS-25DailyReport11-23-15.png; KILL 11-24-15.pdf; SS25 - Nov 24 AM pressure charts.pdf

The following is a general summary of activities related to Standard Sesnon 25 incident for the date of 11-23-15.

Standard Sesnon 25 Site

- The alternate pumping location SS-1 continued to be prepared. The line running from the SS-1 wellsite to the SS-25 location required additional debugging and pressure testing.
- The wireline tubing plug assembly was installed in the SS-25A well.
- Removed the coiled tubing unit, the cranes and the non-essential equipment from the SS-25 well location.
- Also see attached daily summary.

Porter 39A Well (proposed relief well)

- Site grading and leveling was completed. The 20" conductor was installed/cemented and the well cellar was excavated.
- The Ensign Rig #587 continued to prepare to mobilize to the Porter 39A well.
- Boots n Coats well planning personnel and the Sperry directional drilling personnel met and the well intercept planning is ongoing.
- Wellhead surface location surveying continued. Porter 39, Porter 39A (conductor), SS-25, SS-25A, SS-25B wellhead surface locations were surveyed; results pending.

Other Well/Site Activities

- Porter 71 Evaluation: Perforated the production casing from 623'-563' w/4 spf. Initial pressure at 140 psig. The well was bled down well in stages to a final pressure of 70 psig. Sampled the gas with the Helium concentration of approximately 7 ppm (Not indicative of Storage Gas). Shut in the well to monitor.
- Porter 60 Evaluation: The well is currently being prepared for a workover to evaluate as a possible shallow gas recovery well candidate.

- Estimated withdrawal rate from 11 wells remained at 150 MMCFD and is subject to change based on system demand. The 11 producing wells are: SS2, SS3, SS5, SS6, SS11, SS17, SS31, SS44B, P69A, P69J, AND P26A.

The following are the *anticipated* work activities for today (11-24-15):

Standard Sesnon 25 Site (Weather and location conditions permitting):

- Attempt to kill the well and pump a Barite pill. (see attached plan/procedure)

Porter 39A Well (proposed relief well)

- Complete the cellar ring installation and begin the installation and compaction of the base material on the well location. The well site will then be ready for the drilling rig move in activities.
- The Ensign Rig #587 is prepared to move in and rig up on the Porter 39A site. The move in and rig up process will take approximately 4-5 days to complete depending on the site weather conditions. For safety purposes, the move in and rig up activities occur only during day light hours.
- The Boots n Coots well planning personnel are reviewing the relief well plan options and are currently preparing a draft of the revised directional/well plan.

Other Well/Site Activities

- Porter 71 Evaluation: No activity planned for the well site today due to the well kill operations at the SS-25 Site. Will rig up the flow piping and associated equipment to continue to monitor and sample the gas from the well.
- Porter 60 Evaluation: Installation of rig anchors is planned for today.
- Estimated withdrawal rate from 11 wells should remain at 150 MMCFD and are subject to change based on system demand. The 11 current producing wells are: SS2, SS3, SS5, SS6, SS11, SS17, SS31, SS44B, P69A, P69J, AND P26A.

Todd R. Van de Putte

Drilling Manager

Storage Operations/Engineering

Southern California Gas Company

*This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged and/or confidential. Receipt by an unintended recipient does not constitute a waiver of any applicable privilege. Reading, disclosure, discussion, dissemination, distribution or copying of this information by anyone other than the intended recipient or his or her employees or agents is strictly prohibited. If you have received this communication in error, please immediately notify the sender.*

## WELL 25

### Kill Program

11-24-15

1. Mix 50 bbl GEO Zan pill in 9.4 ppg CaCl<sub>2</sub>
2. Mix 35 bbl 18.0 ppg Barite Pill.
3. Pump 50 bbls GEO Zan pill down tubing.
  - Prepare 50 bbls GEO Zan pill in 9.4 ppg CaCl<sub>2</sub>.
4. Begin pumping fresh water at 12-15 bpm.
  - Monitor pump pressures. Pump at highest rate possible keeping pump pressure below 5,000 psi.
5. Pump 1,000 bbls of fresh water at 11-15 bpm.
6. Observe well.
7. If well is dead continue with **STEP 9**.
8. If well is not dead continue with **STEP 12**.
9. Pump 35 bbl 18.0 ppg Barite Pill down tubing.
10. Displace out of the perforations. (Estimated Displacement Volume – 55.5 bbls.)
11. If well is not dead begin pumping 9.4 ppg CaCl<sub>2</sub> at 8 – 10 BPM. Pump LCM pills as needed.
  - Monitor pump pressures. Pump at highest rate possible keeping pump pressure below 5,000 psi.
12. Pump 500 bbls CaCl<sub>2</sub> at 8-10 bpm.
  - Monitor pump pressures. Pump at highest rate possible keeping pump pressure below 5,000 psi.
13. Pump 35 bbls 18.0 ppg barite pill down tubing.
14. Displace with 56 bbls CaCl<sub>2</sub>

### **Contingencies**

- A. If while pumping unable to build pump pressure pump 15 bbl Polymer “sweeps”.
- B. Slow pump rates to try and build pump pressure.
- C. If surface conditions deteriorate the barite pill can be pumped at any time.
- D. Have transport trucks loaded with CaCl<sub>2</sub> to fill frac tank once pumping operations commence.
- E. Have transport truck loaded with fresh water once pumping operations commence.

Message

---

**From:** Van de Putte, Todd [TVandePutte@semprautilities.com]  
**Sent:** 11/25/2015 7:25:05 AM  
**To:** 'Walker, Alan@DOC' [Alan.Walker@conservation.ca.gov]; Geroch, John@DOC [John.Geroch@conservation.ca.gov]; Abel, Pat@DOC [Pat.Abel@conservation.ca.gov]; Bruce Hesson (bruce.hesson@conservation.ca.gov) [bruce.hesson@conservation.ca.gov]  
**CC:** Gustafson, Kris@DOC [Kris.Gustafson@conservation.ca.gov]; Walker, Scott@DOC [Scott.Walker@conservation.ca.gov]; Schwecke, Rodger [RSchwecke@semprautilities.com]; Razavi, Avidah [ARazavi2@semprautilities.com]; Lane, Bret [JLane@semprautilities.com]; Cho, Jimmie I [JCho@semprautilities.com]; Neville, Dan [DNeville@semprautilities.com]; Kargar, Azra [AKargar@semprautilities.com]; 'Knight, Clifford@DOC' [Clifford.Knight@conservation.ca.gov]  
**Subject:** So Cal Gas - Aliso Canyon - Standard Sesnon 25 - Daily Summary - 11-24-15 / Estimated Work Plan 11-25-15  
**Attachments:** KILL 11-25-15.pdf; SS25 - Nov 25 AM pressure charts.pdf; 11-23-15 P-71 Gas Analysis.pdf; SS-25DailyReport11-24-15.png

The following is a general summary of activities related to Standard Sesnon 25 incident for the date of 11-24-15.

Standard Sesnon 25 Site

- The barite pill/well kill operations were performed and the well/well location was monitored.
- Also see attached daily summary.

Porter 39A Well (proposed relief well)

- The well cellar was excavated and installed. The installation and compaction of the base material on the wellsite had begun.
- The Ensign Rig #587 continued to prepare to mobilize to the Porter 39A well.
- Boots n Coots well planning personnel continued to work on the well intercept plan.
- Wellhead surface location surveying continued the results were provided to the Boots n Coots well planners.

Other Well/Site Activities

- Porter 71 Evaluation: No significant activity. The well was shut in to monitor. The initial gas sample analysis was received. Initial gas analysis results showed the gas in the well does not appear to have the signature of storage gas.
- Porter 60 Evaluation: The well is currently being prepared for a workover to evaluate as a possible shallow gas recovery well candidate. The workover rig Ensign #333 moved in and rigged up on the well in preparation to pull the rods and tubing from the well.
- Estimated withdrawal rate from 11 wells remained at 150 MMCFD and is subject to change based on system demand. The 11 producing wells are: SS2, SS3, SS5, SS6, SS11, SS17, SS31, SS44B, P69A, P69J, AND P26A.

The following are the *anticipated* work activities for today (11-25-15):

Standard Sesnon 25 Site (Weather and location conditions permitting):

- Attempt to kill the well and pump polymer pill(s). Attempt to bleed and fill/kill the well down the 7" production casing.
- See the attached kill plan.

Porter 39A Well (proposed relief well)

- The installation and the compaction of the base material on the well location is ongoing. The well site will then be ready for the drilling rig move in activities after the installation of the base material onsite.
- The Ensign Rig #587 is prepared to move in and rig up on the Porter 39A site. The move in and rig up process will take approximately 4-5 days to complete depending on the site weather conditions. For safety purposes, the move in and rig up activities occur only during day light hours.
- The Boots n Coats well planning personnel are still in the process of reviewing the relief well plan options and are currently preparing a draft of the revised directional/well plan.

Other Well/Site Activities

- Porter 71 Evaluation: No activity planned for the well site today due to the well kill operations at the SS-25 Site. Will rig up the flow piping and the associated equipment to continue to monitor and sample the gas from the well. The well currently cannot flow into the gathering system given the current low pressure on the well.
- Porter 60 Evaluation: The workover rig has moved in and rigged up on the well. The rods and tubing will be removed from the well in preparation for the evaluation of the well as a candidate for possible shallow gas recovery.
- Estimated withdrawal rate from 11 wells should remain at 150 MMCFD and are subject to change based on system demand. The 11 current producing wells are: SS2, SS3, SS5, SS6, SS11, SS17, SS31, SS44B, P69A, P69J, AND P26A.

Todd R. Van de Putte

Drilling Manager

Storage Operations/Engineering

Southern California Gas Company



*This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged and/or confidential. Receipt by an unintended recipient does not constitute a waiver of any applicable privilege. Reading, disclosure, discussion, dissemination, distribution or copying of this information by anyone other than the intended recipient or his or her employees or agents is strictly prohibited. If you have received this communication in error, please immediately notify the sender.*

**WELL 25**  
**Kill Program**  
**11-25-15**

1. Mix 100 bbl GEO Zan pill with LCM in 9.4 ppg CaCl<sub>2</sub>
2. Pump 50 bbls GEO Zan pill down tubing.
  - Prepare 50 bbls GEO Zan pill in 9.4 ppg CaCl<sub>2</sub>.
3. Begin pumping fresh water down tubing at 12-15 bpm.
  - Monitor pump pressures. Pump at highest rate possible keeping pump pressure below 5,000 psi.
4. Pump a minimum 1,000 bbls of fresh water at 12-15 bpm.
5. Bleed off 7" casing.
6. Once 7" casing bleeds off pump 100 bbls GEO Zan pill down tubing.
7. Displace place GEO Zan pill will 56 bbls of 9.4 CaCl<sub>2</sub>
8. Displace out of the perforations. (Estimated Displacement Volume – 56 bbls.)
9. Line up to pump down 7" casing.
10. Pump "Junk Shot" down 7" casing.
11. Fill 7" casing with fresh water.
12. Observe well.

Ex. II-3

---

**Date & Time:** 12/8/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Scott Walker, Pat Abel, Jason Marshall, Saul Gomez

**Boots & Coots :** Richard Hatteberg

---

### Standard Session 25

- SCG (RS): SCG initiated distributing the daily drilling summaries for P-39A. Daily reports will be distributed by 7 am each day.
- SCG (RS): SS-25 was put on flow yesterday and was monitored by Boots & Coots staff all night. It was flowing at ~2 to 3 mmcf. We are planning to gradually increase the rate.
- DOGGR (SW): Have you observed any fluids?
  - SCG (RS): Very small amounts, we will check today.
- SCG (RS): As mentioned yesterday's morning meeting, SCG is collaborating with Boots & Coots and Fluor to investigate the possibility of capturing the surface gas at SS-25 site. The meeting is being held on Wednesday (12/9/15).
- SCG (JC): For tomorrow's concept proposal review, SCG reached out to CARB and SCAQMD to be included.
  - DOGGR: Did you say you reached out to the State?
    - SCG (JC): Reached out to Richard Corey.
- SCG (RS): Continue site preparations for unforeseen rain. The environmental team is looking at SS-25 site all the way up to SS-1 where the pump line is laid down. Today's wind conditions may hamper activities.
- DOGGR (JM): Now that SS-25 is on production, has there been a change in gas flow rate escaping to the atmosphere?
  - Boots & Coots (RH): The tubing end is at ~8400', it is hard to see the change on the surface.
  - SCG (RS): correct, producing at ~2 to 3 mmcf, it is hard to see that change on the surface.
  - DOGGR (SW): I will put my eyes on it this morning to see if there has been a change.
- SCG (RS): Plans are to mobilize wireline to the SS-25 site and attempt a gyro run on SS25-B, possibly on Thursday (12/10/15).
- DOGGR: Is SS-25 being produced through the 2-7/8" tubing?
  - SCG (RS): That is correct; SS-25 is being produced through the 2-7/8" tubing string and is tied-into the withdrawal system.
- DOGGR: Is that choked down?
  - SCG (RS): It is choked down to 1/2". It is a variable choke that can be adjusted. We are planning to adjust the choke gradually to avoid over pressurizing the 500# system. Tubing pressure is ~1400#.
    - DOGGR: So you cannot immediately fully open the choke.
      - SCG (RS): That is correct.
- DOGGR (SW): Is anyone working on the next direct kill plan? Sodium Silicate?
  - SCG (RS): Plans stay the same.
    - DOGGR (SW): Is it going to change?
      - SCG (RS): We do not know.

### Porter 39-A (Relief Well Site)

- SCG (TV): Set third cement plug around noon and waited on cement to set-up. Started cleaning out, as of this morning we are at ~200' with good returns. The plan is to clean out the rest of the way to ~362' and drill ahead.

### Second Relief Well Planning

- DOGGR (SW): Any updates on the second relief well.
  - SCG (RS): We are verifying the landslide area at the target site PS-20 to ensure it can sustain the rig and equipment.
- DOGGR (SW): From yesterday's conversation, it seemed like the landslide verification was wrapping up.
  - SCG (RS): I need to follow up on that. If that is the case, we start site preparations, grading, and moving the poles.

### Other Activities (Withdrawal Updates)

- DOGGR: Any updates on withdrawal rate.
  - SCG (RS): You will receive the update later in the morning. The tentative withdrawal rate in ~800 mmcf/d for today. This rate varies throughout the day, depending on system demand.
- DOGGR (JM): Is the maximum withdrawal rate ~1 bcf/d?
  - SCG (RS): Yes, we can withdrawal anywhere from ~1 to 1.5 bcf per day.
- SCG (JC): System demand may increase significantly later on, in anticipation of colder weather.
- DOGGR (JM): We had discussed internally whether or not the gas is being taken from other sources instead of Aliso Canyon. Would it be possible to meet SCG customer demand through Aliso Canyon first?
  - SCG (JC): We are providing the maximum withdrawal that we can out of Aliso Canyon. Our system has limitations, and it is not a grid type system.

---

**Date & Time:** 12/9/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avidesh Razavi

**DOGGR Attendees:** Alan Walker, Scott Walker, Pat Abel, Jason Marshall

**Boots & Coots :** Richard Hatteberg

---

### Standard Session 25

- SCG (RS): Recap of yesterday – fully opened the choke 1 ½". Flowrate is not high.
- DOGGR (SW): Was SS-25 the only well on flow while other wells were shut-in?
  - SCG (TV): Rig consumes natural gas, ~150-250 mcf/d.
  - SCG (RS): According to Weatherford the 1 ½" is the largest choke we can use. We will talk to Operations to find out the rate.
- DOGGR (AW): Is the 150-250 mcf/d going to the rig or coming from SS-25?
  - SCG (TV): That is what the rig consumes.
- SCG (RS): There are limitations on how much gas can flow from SS-25 due to the tubing perforations. Gas escapes to the formation and eventually to the atmosphere from the side of the well.
- SCG (RS): Site cleanup at SS-25 continues. In anticipation of rain, the road to the west of SS-25 site is being prepared.
- SCG (RS): Boots & Coots is looking into a 13 3/8" casing design (stovepipe) to capture some of the gas.
  - DOGGR (AW): Is that to capture methane?
  - SCG (BL): There are two purposes for that:
    - 1. For Boots & Coots personnel to have better access to the well.
    - 2. To redirect the oil and gas mist.
- DOGGR (PA): Are you looking into exploring the tent structures (pyramid cap) used off-shore? Possibly more effective?
  - SCG (RS): In today's concept proposal review meeting, Fluor and AECOM are exploring similar options.
- DOGGR (SW): How will the casing be driven down (stovepipe)?
  - Boots & Coots (RH) explained the process.
- DOGGR (AW): What was the approximate flowrate out of SS-25 with the fully opened choke?
  - SCG (RS): ~5-6 mmcf/d
  - DOGGR (AW): Is it possible to open the 7" casing to withdrawal system?
    - SCG (RS): Not at the moment.

### Porter 39-A (Relief Well Site)

- SCG (TV): Cleaned out cement to ~360' and drilled to 526' as of mid-night. This morning we've drilled to ~620'. Drilling ahead with no issues.
  - If we continue drilling at this rate, we may reach the casing point by tomorrow morning. Once we get to the casing point, we will run logs, casing and cement.
- SCG (TV): The mud log report was included in this morning's report. SCG will send mud log reports every day.

### Second Relief Well Planning

- SCG (RS): Henkels & McCoy is moving the power poles by tomorrow. BCI is performing the grading and site preparation.
- SCG (RS): Young oak trees need to be relocated as part of the ACTR project. SCG is working with CPUC on that.
- SCG (RS/BL): Site preparation takes about 2 to 3 weeks, and mobilizing the rig takes about 1 week.
- SCG (RS/BL): The initial rough draft well plan is underway.
- DOGGR (SW): Where is the rig coming from and which rig is it?
  - SCG (TV): SCG is working on finding the best fit.
  - SCG (BL): SCG cannot disclose that information just yet.

---

**Date & Time:** 12/10/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes

**SCG Attendees:** Bret Lane, Hal Snyder, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avidah Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Jay Huff, Scott Walker, Scott McGurk, Pat Abel.

**Boots & Coots :** None.

---

### Standard Session 25

- SCG (RS): Site cleanup continues.
- SCG (RS): After yesterday's concept review, Fluor will be providing more information as soon as possible.
- DOGGR (SM): What is the timeframe for implementation?
  - SCG (BL): First, they need to get back to us with more information. We are considering multiple options. One is for Fluor to collaborate with Boots & Coots on the stovepipe concept to redirect the gas escaping to the atmosphere.
    - DOGGR (SM): Is that the 13 3/8" casing?
      - SCG (BL): Yes. The second option is a set-up to capture the gas from the 2" nipple (1 3/4" casing).
    - DOGGR (SM): What is the delivery date?
      - SCG (BL): As soon as possible.
  - SCG (BL) in response to DOGGR (AW), explained the 13 3/8" stovepipe concept:
    - Part of the gas escaping next to the well is believed to be escaping through the original mouse hole. We will start with the 13 3/8" casing to redirect the gas away from the wellhead. SCG is exploring options for flaring or combustion.
      - DOGGR (SM): Flaring is an option?
        - SCG (BL): flare or combustion are options we are exploring. Representative from SCAQMD and ARB were present in yesterday's meeting. SCG may be able to reduce the oil mist and use a mister to knockout the odor as well.
- DOGGR (SM): Do you have SS-25 flowrate?
  - SCG (BL): ~2 MMcf/d, tubing pressure is stabilized ~1400 psig. At times the tubing pressure drops to ~700 -800 psig. The pressure drop may be due to fluids; however, no fluid has been seen at the separators.
- DOGGR (SM): Can anyone within your organization perform fluid flow dynamic simulation/modeling?
  - SCG (BL): Not within our organization.
    - Boots & Coots team in Houston have been working on it. One of the most well-known technical advisor's will be helping with the effort.
  - DOGGR (SM): Would the simulation provide an accurate flowrate?
    - SCG (BL): They are working on velocity not flowrate.
      - DOGGR (SM): Can you get the flowrate?
        - SCG (BL) explained the different factors involved in calculating flowrate and the study that was performed in 1985 which provided a rate at high inventory for SS-25 through the 7" casing with no friction considerations.

- DOGGR (SW): Per 1985 study, flowrate was ~58 MMscfd. Comparisons should not be made.
- DOGGR (SM): Is the calculated gas flowrate escaping to atmosphere ~63 MMscfd?
  - SCG (BL): SCG cannot speculate or release any numbers.
- DOGGR (SM): Is the maximum pressure ~3600 psig?
  - SCG (BL): Approximately.
- DOGGR (SM): Can you fully open the choke?
  - SCG (BL): Wide-open choke did not make a difference in the rate. SCG is looking into the possibility of changing the choke.
- DOGGR (AW): Is formation pressure 2000 psig, I heard 1700 psig.
  - SCG (BL): best estimated bottom hole pressure is ~1900-2000 psig for the west. East is ~2500 psig.
- DOGGR (SM): Was the bottom hole pressure ~2700 psig when the incident happened and by now, it has dropped a few hundred pounds?
  - SCG (BL): that is the east field pressure; the west field pressure is ~2000psig.

#### Porter 39-A (Relief Well Site)

- SCG (TV): We are about 1040' as of this morning, ~160' from casing point, logging starts sometimes in the afternoon.
- DOGGR (SM): are we still on schedule?
  - SCG (TV): Yes.
    - DOGGR (SM): Drilling at 50 ft/hr?
      - SCG (TV): 20 ft/hr as expected.
- DOGGR (SM): Has there been traces of shallow gas?
  - SCG (TV): No, the mud log is also attached in the morning reports.
- DOGGR (AW): Are you planning to run a Neutron Density Log?
  - SCG (TV): No, we collect what we can. Planning to run the sonic log.
- DOGGR (SM): Can we get access to Pason?
  - SCG (TV): we will arrange for that today.
- DOGGR (PA): Is BOP installation planned for tomorrow (12/11/15)?
  - SCG (TV): Not tomorrow. Most likely on Saturday (12/12/15).

#### Second Relief Well

- SCG (RS): Moving the 4 power poles will be completed today and stake-out.
- DOGGR (SM): What is the timeframe?
  - SCG (BL): 2-3 weeks for grading.
- DOGGR (AW): Is there a name for the second relief well?
  - SCG (BL/TV): Possibly Porter Sesnon 20-A.
- DOGGR (JH): Which rig, are you bringing in, is it stacked or operating?
  - SCG (BL/TV): We are looking at options. SCG cannot disclose that information just yet. Once the rig is chosen, we will communicate that to you.
- DOGGR (SM): Mike had concerns about the landslide on that site.
  - DOGGR (AW): Hilary and SCG consultant were able to satisfy Mike that the site is safe.

**Other Activities:**

- DOGGR (SM): Is withdrawal rate per customer demand?
  - SCG (RS): yes.
- DOGGR (SM): You have established a no fly zone is that correct?
  - SCG (RS): Yes.
  - DOGGR (SM): 0.5 mile out and 2000 ft. above the well.
- DOGGR (SM): DOGGR has a new supervisor *Ken Harris* who will be visiting the site next Wednesday (12/16/15) along with *Al Walker*, and *Jason Marshall*.
- DOGGR (AW): We would also like to get a tour of the rig at P39-A.
  - SCG (BL): SCG would like to show the second relief well location as well.
- DOGGR (SM): SCG did not run a log on SS29 yesterday due to SSSV being closed and/or other activities on that site. Is there a plan to re-run a log on SS29?
  - SCG (RS): Depending on the activities on that site, we may be able to re-run a log on SS29 today or tomorrow.

**Date & Time:** 12/11/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Hal Snyder, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Scott Walker, Scott McGurk, Pat Abel

**Boots & Coots :** Richard Hatteberg

**EPA Attendee:** Kathy Lawrence

---

### Highlights

- Jason Marshall inquired about methane monitoring locations in the Porter Ranch area and results.
- Scott McGurk inquired to look into bottom hole pressure monitoring instrument and pressure data collection on a weekly basis.

### Standard Session 25

- SCG (BL): Made good progress on site cleanup.
- SCG (BL): The stovepipe implementation is suspended at this time due to unsafe and high-risk working conditions. A piece of grading fell back in the mouse hole where the stovepipe was to be located, which could put the equipment and personnel to be in line with gas.
  - DOGGR (SW): Were you aware of the grading or was it due to earth movement?
    - SCG (BL): The grading was there and we were aware of it.
      - DOGGR (SW): Is that going to impact the study that Fluor is doing?
        - SCG (BL): it will have an impact on what Fluor can do on the well.
- SCG (BL): The engineering companies (Fluor and AECOM) will be on site for further site assessment this afternoon.
- SCG (BL): Two Boots & Coots experts flew in late last night.
- 

### Porter 39-A (Relief Well Site)

- SCG (TV): Reached casing point at 1228', pulled out of the hole and started running the Sonic Porosity Log. We have not received the results yet, but it seems like there is no indication of gas. Today and tomorrow's activities will include: do a clean out run, picking up casing, and cementing.
  - DOGGR (SM): What is the timeframe for BOP installation?
    - SCG (TV): late Saturday, most likely Sunday.
- DOGGR (PA): District 2 is alerted.
  - SCG (TV): The rig supervisor will also notify them.
- DOGGR (PA): Can you put a copy of the BOP plan on the P39-A location?
  - SCG (TV): Yes.

### Second Relief Well

- SCG (BL): Completed moving power poles. Site grading and relocating young oak trees initiated.

**Other Activities:**

- SCG (BL): A gyro run is planned on SS-25B. Wind conditions will be evaluated and dictate if running a gyro is feasible or not.
- SCG (BL): SS29 noise log was delayed due to site preparations. Depending on wind conditions, we may or may not be able to run the log.
- SCG (BL): The Emergency Order was received from DOGGR yesterday afternoon. SCG's internal and external counsels are reviewing it. We are doing all we can.
  - DOGGR (JM): That is understandable.
- DOGGR (SM): Are there monitoring wells that the pressure could be gathered for the west and east field?
  - SCG (BL): That is subject to check. There are gauges on 1 well from the east and 1 well from the west. The west field well that is used to take the pressure from is currently on withdrawal.
    - DOGGR (SM): Is there another close by well that could be used to take the pressure from?
      - SCG (BL): We could run a weekly bottom hole pressure monitoring instrument.
      - DOGGR (SM): You can also do a pressure build-up analysis and trend it (PTA).
- DOGGR (SM): How is the withdrawal rate?
  - SCG (BL): We are trying to stay on ~200 to 300 MMcfd. As the weather is getting colder, higher withdrawal demand is expected.
- DOGGR (JM): Are there methane-monitoring locations in Porter Ranch area? Who is the contact person, I'd like to get the results and see the locations?
  - SCG (BL): Jimmie Cho is the incident commander; we will have him contact you.
  - SCG (RS): All the information is also published on our website.
- DOGGR (SM): You have a temporarily no fly zone?
  - SCG (BL): Yes.
  - DOGGR (JM): Ken Harris saw it on FAA website, it is 2000 ft. above the well site, not sure about the diameter.

**Date & Time:** 12/12/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Glenn La Fevers, Jimmie Cho, Rodger Schwecke, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Scott McGurk

**Boots & Coots :** Richard Hatteberg

---

### Standard Session 25

- SCG (BL): Attempted a gyro run on SS-25B. SCG had visitors from CPUC, and Cal/OSHA. Today's activity at the wellsite is on standby until OSHA concerns are discussed and resolved.
  - SCG (BL): Cal/OSHA inspected and shut-in the site due to respiratory concerns, which we are working to resolve sometime today.
  - DOGGR (SM): When did you shut down?
    - SCG (BL): around 4:30 pm yesterday.
  - DOGGR (JM): What were the concerns from DIR?
    - SCG (BL): Three areas of concern:
      - 1. Complete blow out, which Boots & Coots are there to address.
      - 2. Site stability, which our geologist and Boots & Coots have determined an area that no one gets to.
      - 3. Worker exposure to Benzene in the mist (if present). There is a request for the Boots & Coots workers to wear respiratory equipment, which needs to be reviewed by Boots & Coots.
- DOGGR (SM): How was Fluor and AECOM's visit yesterday?
  - SCG (BL): due to site being shut down, they couldn't get close to the well. They did mention drilling shallow wells for gas recovery ~500' to 1000' ft. We did make them aware that there may be ~400 to 600# pressure in that zone.
- DOGGR (SM): What did CPUC ask for?
  - SCG (BL): Copy of the program and other documents. Perhaps the DOGGR could provide help to better coordinate with these type visits.
- DOGGR (JM): We will have a few more visitors from the lab for the Wednesday meeting. What is the capacity to visit the site?
  - SCG (BL): 10 max, please send Jimmie Cho a list of those who will be attending.

### Porter 39-A (Relief Well Site)

- SCG (AR/AD): Ran 13-3/8" casing and cement in place by mid night. Waiting on cement to set up and weld the wellhead today around 6 pm or later.
- DOGGR (PA/SM): what is the estimated time for BOPE installation?
  - SCG (AR/AD): Sunday.
  - DOGGR (PA): are you planning to run CBL?
    - SCG (AD): Planning to run USIT, which collect the cement information as well.
    - DOGGR (PA): Permit is specifically issued for CBL run, may need to submit a memorandum for a change.

### Second Relief Well

- SCG (BL): Site preparing is moving forward. Lights were installed and site prep continued for a short while after dark.

### Other Activities:

- SCG (JC): We had some media coverage and interview with CNN.
- SCG (JC): Gillian Wright and myself will be in Sacramento to present an overview of Aliso.
- SCG (BL): Meeting in Washington on Monday to meet with the USEPA and the Whitehouse (Energy Policy Advisor to the President).
- DOGGR (SM): SS-29 noise log?
  - SCG (BL/RS): We were not able to run a log on SS-29 due to activities on that side or the field. Plans are in place to try again on Monday (12/14/15).

**Date & Time:** 12/13/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Glenn La Fevers, Hal Snyder, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Barry Kerns, Sonia Rodriguez, Bonnie Feemster, Andy De La Rosa, Avidah Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Scott Walker

**Boots & Coots :** Richard Hatteberg

**EPA:** Kate (EPA Representative)

**Cal/OSHA:** Mary Anne (OSHA Representative)

---

### Standard Sesnon 25

- SCG (BL): We were able to put SS-25 back on flow during the day and overnight. The rate is ~2-3 MMscfd. Due to cold weather the withdrawal rates have increased. Aliso is currently on 1.1 bcf/d. To maximize the pressure withdrawal, ~250 – 300 MMscfd on the west field is maintained.
- SCG (BL): Wind is in our favor, we may be able to run a gyro on SS25-B. This data is critical to the relief well operations, as it will provide anti-collision information.
- SCG (BL): Boots & Coots additional experts arrived on site. They are developing a plan for the next kill attempt. We will be reviewing the plan at 8:30 am this morning.
- DOGGR (SW): Did they do any modeling?
  - SCG (BL): We will find out in the 8:30 am meeting.
- SCG (BL): AECOM has a few ideas regarding surface gas measurement. 1. Use of isotope/tracer. 2. Pixels. They are interested in collaborating with DOGGR lab and perform testing.
  - DOGGR (JM): Will they be available and on-site on Wednesday?
    - SCG (BL): Yes. The equipment is on its way as well.
- SCG (BL): Met with Cal/OSHA yesterday, and we are in the process of developing a plan to take samples in and around SS-25.

### Porter 39-A (Relief Well Site)

- SCG (TV): While waiting on cement, installed wellhead. Today, the BOPE will be rigged up and pre-tested. Once ready, DOGGR will be notified. The earliest that BOPE will be ready for inspection, it will be late tonight/early tomorrow morning.
  - DOGGR (PA): Ventura office needs a 2-hour call-out.

### Second Relief Well

- SCG (BL): Site preparation continues, grading may take an extra week than anticipated.

**Date & Time:** 12/14/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Hal Snyder, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Scott Walker

**Boots & Coots :** None

**EPA:** Kate (EPA Representative)

**Cal/OSHA:** Mary Ann Effron, Robert

---

#### Standard Sesnon 25

- SCG (BL): Successfully ran a gyro on SS25-B
- SCG (BL): Worked on the draft next kill attempt plan yesterday. The plan should be finalized today. The best-estimated timeline for the next kill attempt is next Monday or Tuesday.
- SCG (BL): Due to rain and unsafe conditions, the well was shut-in last night.
- SCG (BL): In order to get the most out of daylight we started a 6:30 am meeting.
- SCG (BL): With Cal/OSHA collaboration, we were able to take samples from four sampling points around the well. Samples were sent to labs and results will be ready mid-week.
  - Cal/OSHA (ME/Robert): The samples were sent to IHA labs to be tested for Benzene and oil mist.
- SCG (BL): Building a new configuration for a bridge to span across the crater. This configuration provides: 1. Easier and safer access to the well for Boots & Coots staff, 2. Better stability of the wellhead.
- SCG (BL): Installing a second pump line up to the site. This flow line will be a back up to the existing line.
- DOGGR (JM): Attempt to kill next Mon/Tues?
  - SCG (BL): Yes, we will send the timeline out along with the draft plan shortly.
    - DOGGR (JM): Has DOGGR been involved in the plan development?
      - DOGGR (SW): Yes I've been in the meetings from the start.
- Cal/OSHA (Robert): What kill number is this?
  - SCG (BL): 6
- DOGGR (AW): Can we get an overview of the draft plan on Wednesday?
  - SCG (BL): Yes
  - DOGGR (SW): I will send out the draft program this afternoon.
- Cal/OSHA (ME): Robert also should be given the draft plan.
  - SCG (BL): Sure.

#### Porter 39-A (Relief Well Site)

- SCG (TV): Rigged up BOPE and fabricated lines. Tested the BOPE and small leak in the annular preventer was found. Today, the annular preventer will be replaced, cleanout, and a USIT/CBL run on casing will be performed.



---

### Second Relief Well

- SCG (BL): Site preparation continues, ~38,000 yd<sup>3</sup> of dirt is being moved and 3500 tons of base.
- SCG (BL): Intercept plan development continues.
- SCG (BL): The tentative spud date is mid to late January 2016.

**Date & Time:** 12/15/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Hal Snyder, Rodger Schwecke, Todd Van De Putte, Jeff Salazar, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Scott Walker

**Boots & Coots :** None

**EPA:** Kate Lawrence, Jimmie J., Dan Miers.

**Cal/OSHA:** Mary Ann Effron, Robert S.

---

*Tomorrow's Conference Call (12/16/15) will be held at 9:45 am*

#### Standard Session 25

- SCG (RS): Continue site preparation and clean up. In preparation of bridge installation, SCG is removing the existing rail and out of service piping located on the west side of the site.
- SCG (RS): The Bridge's purpose is for Boots & Coots to have easier egress and ingress to the well. The bridge has been design and is in development phase.
- SCG (RS): The second pump line installation is almost completed, we may be able to pressure test today.
- SCG (RS): Plans are in place to reduce erosion on site.
- SCG (RS): SS-1 site is being prepared for the next kill attempt.
- SCG (RS): In preparation for the next kill attempt and bridge installation, SS-25 well is shut-in and the pipelines are blown down to be able to work on the well.
- CalOSHA (ME): What is the kill attempt timeline?
  - SCG (RS): Best estimate would be early next week. We will send you the draft JSA today.
- DOGGR (RS): Any updates on the gas recovery concepts.
  - SCG (RS): We will be meeting with Fluor and AECOM today and tomorrow to refine ideas. The bridge installation helps this effort.
- DOGGR (PA): Are you working on the order deliverables that are due by Wednesday?
  - SCG (RS): It was sent out yesterday.

#### Porter 39-A (Relief Well Site)

- SCG (TV): BOPE tested, witnessed/approved by DOGGR. Cleaned out to above the shoe, and ran USIT/CBL. We will drill 10' out of the shoe to perform the leak off test and then drill ahead.

#### Second Relief Well (PS20-A)

- SCG (RS): Site preparation continues. Moving 38,000 yd<sup>3</sup> of dirt and placing 3,500 tons of base to create a 6" base across the pad.

### Other Activities

- SCG (RS):
  - Monitoring P71 and P60, no pressure has been observed.
  - Ran noise log on SS29 only to ~ 470' due to SSSV being closed.
  - Opening SSSV at SS-10 to be able to flow the well.
  - Call rate is ~1 bcd, which is the max Aliso can withdrawal at the moment due to the ACTR project. After Dec. 19<sup>th</sup>, Aliso should be able to withdrawal 1.5 bcfd contingent on demand.
- EPA (DM): Is there a daily activity report that I could get on the distribution list?
  - SCG (HS): Yes, we send out a 209 form every day, and a weekly IAP (204 form).
- SCG (RS): For the meeting with DOGGR tomorrow, what is the agenda you would like to have?
  - DOGGR (JM):
    - Visually see the well site
    - Tour of the relief well drill site
    - SCG System overview
    - Kill attempt procedure
- CalOSHA (ME): How many people are attending?
  - SCG (RS): 10. (local DOGGR, 4 from Sacramento, 3 Lab)

**Date & Time:** 12/16/2015 at 9:45 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avidah Razavi, Hilary Petrizzo, Jimmie Cho, Glenn La Fevers, Jill Tracy.

**DOGGR Attendees:** Alan Walker, Brady Van Engelen, Jason Marshall, Jon Iverson, Ken Harris, Kris Gustafson, Pat Abel, Scott Walker, Scott McGurk.

**National Lab:** Douglas Blankenship (Sandia National Lab), Barry Freifeld (Lawrence Berkeley National Lab), Scott Perfect (Lawrence National Lab).

**Boots & Coots/Sperry:** Jim LaGrone, Rolly Gomez, Alan Gosse (Sperry).

**U.S. EPA:** Kate Lawrence, Daniel Meer, Bret Moxely, Jason Musante.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado

**LA County Fire Dep:** Mario Tresieras

---

#### Standard Sesnon 25

- **SCG (BL):** Site cleanup continues.
  - **DOGGR (KH):** What do you mean by site cleanup?
    - **SCG (BL):** Dirt removal, pipe and rail relocation.
- **SCG (BL):** Continue developing a 100' bridge. The bridge should be completed today or tomorrow.
- **SCG (BL):** Possible wireline operations at SS-25 (jet cutter). Wind effects the wireline operations.
- **SCG (BL):** The second pump line from SS-1 to SS-25 was pressure tested. Site preparation for further pumping operations at SS-1 continues.
- **SCG (BL):** The highway 5 shutdown delayed the mud delivery to SS-1 site for pumping operations.
- **DOGGR (KH):** what's the earliest you can pump?
  - **Boots & Coots (RG):** Depends on the weather. In addition, some material is still on its way to the site. The earliest we can attempt the next kill operation is Sunday/Monday next week.
- **EPA (DM):** you've already had a few kill attempts, what has changed that you think this time the kill will be successful?
  - **Boots & Coots (RG):** Using heavier mud, junk shots, and LCM. There have been limitations to the LCM used and junk shots due to existing perforations in the tubing. Plans are to cut a section of the tubing in order to have a larger opening to pump through.
    - **DOGGR (SW):** The reservoir pressure has also dropped, more opportunity for a successful kill.
    - **SCG (BL):** Surface pressure is ~1420 psig.
- **DOGGR (SM):** Have you followed up on the Bottom hole pressure recording and analysis?
  - **SCG (BL):** yes, we are working on identifying wells to do the analysis.

### Porter 39-A (Relief Well Site)

- **SCG (TV):** Pressure tested and logged the casing. Log showed questionable cement which could be due to the timing (cement not fully set-up). The tail slurry looked good, we will re-log at the next casing point. Drilling ahead, currently at 1845', drilling to ~3850' MD.
- **SCG (BL):** Held a meeting with all parties involved in the relief well operations to reassure all aspects are covered.
- **SCG (BL):** A magnetic tool will be run on one of the nearby wells. Due to safety reasons, that operation is day lights only. A wireline is needed for this effort and wind effects the wireline operations.

### Second Relief Well (PS20-A)

- **SCG (BL):** Site preparation continues.

### Other Topics

- **SCG (BL):** Currently withdrawal rate is 1bcfd.

---

**Date & Time:** 12/17/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Glenn La Fevers, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Nadia Aftab, Andy De La Rosa, Avidah Razavi.

**DOGGR Attendees:** Jason Marshall, Jon Iverson, Pat Abel, Scott McGurk.

**Boots & Coots :** None

**U.S. EPA:** Kate Lawrence, Daniel Meer, Jeremy Johnstone

**Cal/OSHA:** Mary Ann Efron

---

### Standard Sesnon 25

- **SCG (BL):** Yesterday's activities - Moved pipe rails for the bridge, and bridge construction continued.
- **SCG (BL):** Today's activities - The bridge construction will be finished today and relocation starts tomorrow or over the weekend depending on weather conditions. Continue working around the well, move the junk shot manifold to the site and prepare site for the bridge.
  - **DOGGR (SM):** What's the orientation of the bridge?
    - **SCG (BL):** NW to SE.
  - **CalOSHA(ME):** What do you mean by orientation of the bridge?
    - **SCG (BL):** it is a 100' bridge that will be laid down from NW to SE and over the wellhead.
    - **CalOSHA(ME):** what type of protection is in place if it's going over the wellhead?
    - **SCG (BL):** it has a metal floor and handrails.
    - **CalOSHA(ME):** How do you put it on site? crane?
    - **SCG (BL):** 40,000# bridge, it will be in one piece and lifted with one crane.
- **EPA (DM):** What's the current downhole pressure?
  - **SCG (BL):** surface tubing pressure has dropped ~20# since yesterday (1390 psig). Bottom hole pressure is estimate ~1750-1800.
- **SCG (BL):** SS-1 site prep for the next kill attempt continues, all equipment is set up and more material is being transported to the site.
- **DOGGR (SM):** For the next kill attempt a section of the tubing will be cut. Is a permit or a special document required?
  - **DOGGR (PA):** No. There is no mechanical change to the wellbore.

### Porter 39-A (Relief Well Site)

- **SCG (TV):** Drilled ~570' yesterday, drilling ahead 12 ¼" hole section, currently at ~2290'.
- **DOGGR (SM):** Are you putting a magnetic tool in SS25B?
  - **SCG (BL):** A receiver will be put in the SS25B well, and the well spot tool will be run in the relief well when the depth is reached to 3850' MD.

### Second Relief Well (PS20-A)

- SCG (BL): Site preparation continues. Site grading and building 6" base will be done by mid-January.

### Other Topics

- SCG (JC): SCG has a store flat location in the porter ranch area that is open until 7 pm for residents to get information, sign up for relocation, and/or upgrade house filtrations.
- SCG (RS): We need some help from DOGGR to funnel all the data requests through one person to ensure we receive and respond to all requests in a timely manner.
  - SCG (JC): We have many data requests from different agencies.
  - DOGGR (JM): Pat Abel, do you have the bandwidth to help SCG with all request?
    - DOGGR (PA): Yes
    - DOGGR (JM): are there any objections to redirect all requests to Pat from all agencies and she will communicate that with SCG?
    - SCG (BL): No, That is much appreciated. Pat, please communicate with Jimmie Cho and he will direct the requests through proper channels within SCG.

---

**Date & Time:** 12/18/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Glenn La Fevers, Jimmie Cho, Jeff Salazar, Todd Van De Putte, Nadia Aftab, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Richard Boyd, Pat Abel, Scott McGurk.

**Sperry (WellSpot):** Alan Gosse

**U.S. EPA:** Daniel Meer

**Cal/OSHA:** Mary Ann Efron, Robert Salgado

---

### Standard Sesnon 25

- **SCG (BL):** Continued to work on the bridge construction. Bridge construction should be finished this morning. We will be testing the weight with a crane and most likely will not set the bridge onsite today.
- **SCG (BL):** The pump site (SS-1) is almost fully set-up.
- **SCG (BL):** The flowlines from the wellhead have been disconnected to work around the well. Placing rocks around the crater in preparation of the next pumping operation.
- **DOGGR (SM):** Boots & Coots has created a device to shut off the 11 ¾" leak. They will not be able to put it on until after the kill attempt.
- **DOGGR (SM):** Yesterday there was an unauthorized fly over the site. The plane was identified and FAA was notified.
- **SCG (BL):** More agencies are requesting to be notified 24 hours prior to the kill attempt. Jimmie Cho is coordinating for the notification to be sent out.

### Porter 39-A (Relief Well Site)

- **SCG (TV):** Drilled ~565' yesterday to 2710' as of midnight. This morning continue drilling the 12 ¼" hole to ~2850'MD. We are on track as scheduled.
- **Sperry (AG):** Drilling towards the target well has started. The first ranging run is scheduled to be done at 3850' MD.
  - **SCG (BL):** Just a reminder that a receiver needs to be placed in SS25-B prior to the ranging run. This operation is weather and day/night dependent.

### Second Relief Well (PS20-A)

- **SCG (BL):** Site preparation continues. Our Geologist will be performing additional stability analysis as this site is on a steep hill and to reinsure that it can withstand the rig equipment weight. The site requires additional cement slurry.
- **DOGGR (SM):** Is there an opportunity to accelerate the site preparation?

- SCG (BL): We did work into the night for a few nights. There are safety concerns to work at night due to the vertical drop on the side of the site. We are looking into finding a solution to have 24 hours operations on this site.
- DOGGR (JM): What is a timeline to do the additional stability analysis and is there a way to expedite it?
  - SCG (BL): It will take a few days; I'll try to have a timeline for you tomorrow.

#### Other Topics

- SCG (BL): We've had more visitors on site which has created distraction for the operation. We may call for a complete stand down on Sunday or Monday to refocus the team.
- SCG (JC): We've had over 40 data requests from agencies as of this morning not including requests from the county, state, legislators, etc. 7 more pending requests. Responding to these requests involves the personnel that are directly involve in the operation.
  - DOGGR (JM): Perhaps prepare a statement to state that the company will hold all the information and only responds to the critical requests regarding the next kill attempt at this time.
- DOGGR (PA): Can I contact Hilary for the requests?
  - SCG (BL): cc Jimmie Cho, Rodger Schwecke, and myself.

---

**Date & Time:** 12/19/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Glenn La Fevers, Jimmie Cho, Jeff Salazar, Nadia Aftab, Andy De La Rosa, Avideh Razavi

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Scott Walker.

**Sperry (WellSpot):** Alan Gosse

**U.S. EPA:** None.

**Cal/OSHA:** Robert Salgado

---

#### Standard Session 25

- SCG (BL): Finished pad for the bridge. Wind patterns have hampered activities to put rocks around the crater.
- SCG (BL): Pump site (SS-1) is fully set up. All material and equipment are on site. Both pump lines have been pressure tested.
- SCG (BL): In preparation for the next kill attempt, the following activities that are weather dependent need to take place – maybe tomorrow:
  - Put rocks around the crater to stabilize the location.
  - Reconnect piping to the wellhead.
  - Bring crane to cut tubing.
- SCG (BL): We've looked at the following options with Boots & Coots in an effort to divert the gas:
  1. Stovepipe: This effort has been suspended due to safety concerns. The purpose is to capture/divert gas escaping to the atmosphere from the hole next to the well.
    - DOGGR (JM): what is the diameter of the stovepipe?
      - SCG (BL): I believe it is 8 5/8" and we could go up to 11". The purpose of it is to:
        1. Divert gas away from the wellhead.
        2. Capture and dispose and/or flare gas.
    - 2. Divert the gas leaking through the 2" hole in the 11 3/4" casing which cannot be addressed until after the stovepipe is in place.
- SCG (BL): Our engineering team is also looking at other options to minimize oil mist. There are discussions about placing a bridge/cage type structure around the well and putting filters/pads on top of it to knockdown oil mist.
- SCG (BL): AECOM has come up with two different methods to do measurement at the well:
  - Flare unit and video camera – the camera will be at a remote location not on site.
  - Injection of Isotope into the stream.
- SCG (BL): Jason, AECOM is on site today, if there is any interest to join AECOM to do measurements, please inform the lab.
  - DOGGR (JM): I will get in contact with them.
- DOGGR (JM): Regarding the gas capture, I thought there is going to be a cap on the crater.

- SCG (BL): We did look at options to put a hood on the crater, but it imposes greater hazard and more erosion at the site. One concern about putting a hood on the crater was, pulling air (oxygen) in and creating an explosive mixture. We are not perusing that option and focusing on capturing the gas.
- DOGGR (SW): Did Fluor have two above ground and two below ground options, which option is being perused stronger?
  - SCG (BL): Mist capture and stove pipe to capture and divert gas.
- DOGGR (SW): Are there going to be more kill attempts?
  - SCG (BL): Depending on how this attempt goes, there may be more junk shots.

#### Porter 39-A (Relief Well Site)

- SCG (AR): Drilled ~458' yesterday from 2710' to 3168' as of midnight. This morning continue drilling the 12 ¼" hole ~3300'MD. Did a wiper run to gauge and clean hole.
- Sperry (AG): The first ranging run is scheduled for tomorrow morning – we are ahead of schedule.
  - SCG (BL): Need to put a receiver in SS25B. This activity is weather dependent.

#### Second Relief Well (PS20-A)

- SCG (BL): Site preparation continues. More equipment is on site and hours of operation have been extended through the night. Updated the schedule accordingly. This operation is heavily weather dependent.
- DOGGR (JM): We understand this operation is weather dependent.

#### Other Topics

- SCG (JC):
  - SCG had media press last night and is making every effort to keep the public updated.
  - Dennis Arriola (CEO) put a statement out that SCG will be working with agencies after the fact to address the data requests.
  - EPA – Section 114 Clean Air Act data request was received and is due NYE.
  - Current count of data requests is 41.
- SCG (BL): Robert Salgado, we received the redlines on Boots & Coots procedure. Boots will be working on addressing those.
  - Cal/OSHA (RS): Mike Baggett sent me a note that he will be working on it.
- DOGGR (SW): I spoke to Chief Hisel regarding the fly over violation. The airplane number was not identified.

---

**Date & Time:** 12/20/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Glenn La Fevers, Jimmie Cho, Nadia Aftab, Todd Van de Putte, Andy De La Rosa

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, John Iverson, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse

**U.S. EPA:** None.

**Cal/OSHA:** Mary Ann Efron

---

#### Standard Sesnon 25

- **SCG (BL):** We got the bridge installed, grading is in place. Things went smooth.
- **SCG (BL):** Pump site (SS-1) is fully set up. All pits and material are on site.
- **SCG (BL):** Our plan is to cut tubing tomorrow, have pump iron all hooked up. If we cut tubing Tuesday, it will open up the door for us to do another kill attempt on Tuesday.
- **SCG (BL):** AECOM has been working on the pixel image and tracer. We will be setting bottles at SS-9 site. AECOM needs to be 30' from well.
- **DOGGR (JI):** Went up to location this morning and looks like they got a pressure gauge on the wellhead. It read 1319 psi.
  - **SCG (BL):** I believe it was 3 days ago, we took of the pressure gauge to put on the bridge, it read 1390 psi. So it looks like pressure has been dropping off 100 psi/week.
- **SCG (BL):** On our withdraw update, we are still pulling 1.1 BCFPD.

#### Porter 39-A (Relief Well Site)

- **SCG (TV):** Drilled ~540' yesterday from 3168' to 3708' as of midnight. This morning continue drilling the 12 ¼" hole ~3806'MD.
- **Sperry (AG):** The first ranging run will be run early, due to our separation factor at equaling 1 at 3806'. Our first Wellspot run will be today. Once we get the data, it will help us. This depth will most likely be our casing point.
  - **SCG (BL):** Plan is to run with rotary magnet and put a receiver at SS 25B. We will try to get equipment up there today.
    - **Sperry (AG):** We won't be ready for the receiver. We will need to be back on bottom. Our closest approach is at 4400'.
- **Sperry (AG):** Won't be back to drilling by Tuesday?
  - **SCG (TV):** Yes. We will re-run USIT, do a clean out run, run casing and cement.
  - **Sperry (AG):** This will be our longest stop before intercept?
  - **SCG (TV):** Yes.
- **DOGGR (AW):** Will we be doing the ranging run today?

- Sperry (AG): Yes, we will do it today
- DOGGR (JI): Will this be an initial survey?
- Sperry (AG): The intent is to detect the target well from this depth.

#### Second Relief Well (PS20-A)

- SCG (BL): Site preparation continues. The rain slowed our visibility.
- DOGGR (JM): Geotech, John, will be looking at detailed Pad 2 schedule. Want to verify the timeline.
  - SCG (BL): We will get him together with the correct personnel.



**Date & Time:** 12/21/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Nadia Aftab.

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Richard Boyd, Jon Iverson.

**Sperry (WellSpot):** None.

**U.S. EPA:** Dan Meer.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado.

---

Briefing on SS-25 activities, update on P39A relief well status, and the second relief well PS20A site grading status.

**Date & Time:** 12/23/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Nadia Aftab, Hilary Petrizzo, Andy De La Rosa, Avideh Razavi.

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Richard Boyd, Scott McGurk, Scott Walker.

**Sperry (WellSpot):** Alan Gosse

**U.S. EPA:** Dan Meer, Kate Lawrence.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado.

**CPUC:** Randy W.

---

### Standard Session 25

- **SCG (RS):** Yesterday's kill attempt was unsuccessful. We stopped the pumping operation around noon and shutdown the site.
  - Pumping did go as planned. Initiated kill operation by pumping 300 bbls heavy mud mixed with Diaseal at 5bbls/min reduced to 0.5 bbls/min, then shutdown pumping operation due to wellhead instability.
  - Today's activities include:
    - Well and site condition evaluation.
    - Boots & Coats are looking into securing the well prior to any work performed on site.
    - Site cleanup.
  - Tomorrow's plan is to run Caliber, temperature and noise logs to assess the well condition.
- **EPA (DM):** what are the next steps?
  - **SCG (RS):** We do not want to further damage the wellhead. Boots & Coats additional resources are currently working on modeling all activities on SS25. We do not have an identified plan at the moment.
- **DOGGR (PA):** Is the wellhead damaged? Was the well unsecure?
  - **SCG (RS):** Well was secured yesterday, today Boots & Coats are looking into re-securing the well before any work is done on the well.
- **DOGGR (JM):** How about cutting the tubing and junk shot, is that not the plan anymore?
  - **SCG (RS):** That is still an option. All aspects need to be evaluated. Tomorrow's tubing integrity check will provide more information.
- **DOGGR (SW):** Are there any contingency plans if the wireline cannot get in the well?
  - **SCG (RS):** We will decide then, we are open to ideas.
  - **DOGGR (SW):** How about using coil tubing?
    - **SCG (RS):** That's an option.
- **DOGGR (SM):** Boots & Coats are using a program called "OLGA Advanced Blowout Control" (ABC) simulator. I will talk to Don Shackelford and Arash to see if they have any input and ideas.

- **SCG (RS)**: First, we need to assess the wellhead condition.
- **DOGGR (SM)**: Any updates on the vent capture options by AECOM and Fluor?
  - **SCG (RS)**: Yes, we are looking to knock down oil mist. The bridge and grading have helped with this effort.
- **DOGGR (JM)**: I have received request for more information from the national lab, I will compile and send that to you. If there are any concerns, please let me know.
- **CalOSHA (ME)**: How are you securing the wellhead?
  - **SCG (RS)**: By tying cables to various points.
  - **CalOSHA (ME)**: Are you leaving the bridge on site and use wires to secure the wellhead?
    - **SCG (RS)**: Yes, steel wires will be utilized.
    - **CalOSHA (ME)**: Are you going to work off the bridge to secure the well?
    - **SCG (RS)**: I have not seen the site this morning, Boots will first evaluate for safe working conditions and then on securing the well.
    - **DOGGR (SM)**: They are working on it now.
- **CPUC (RW)**: Can you kill the well from the top?
  - **SCG (RS)**: We are unable to make that assessment at this time.

#### Porter 39-A (Relief Well Site)

- **SCG (TV)**: Finished open hole logging of the 12 ¼ ". Installed redirection cement plug yesterday from ~3806' to 3606', polished off to ~3700'. Next steps are to land casing, cement, install BOP, and move forward. No issues so far and we are on schedule.

#### Second Relief Well (PS20-A)

- **SCG (RS)**: Suspended operations yesterday due to the kill attempt. Site grading resumes today.

**Date & Time:** 12/24/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Nadia Aftab, Andy De La Rosa, Avideh Razavi.

**DOGGR Attendees:** Alan Walker, Jason Marshall, Pat Abel, Richard Boyd, Scott McGurk, Scott Walker.

**Sperry (WellSpot):** Alan Gosse.

**U.S. EPA:** Dan Meer.

**Cal/OSHA:** Mary Ann Efron, Nimal Diungala.

**CPUC:** Randy Halter.

---

#### Standard Session 25

- SCG (RS): Performed site evaluation to come up with the next steps and how to best move forward:
  - Mud ejected from the crater and accumulated on the bridge and around the well.
  - There is a slight bow on the bridge due to mud accumulation on it.
  - Crater has increased in size.
  - Isolated well from kill pump lines.
  - Currently pressure gauges are not connected.
  - We are moving cautiously to find crater boundaries.
  - Site cleanup and evaluation continues today.
  - Minimum activity is planned for tomorrow due to anticipated strong winds.
- DOGGR (SM): Boots & Coats reported static wellhead pressure of 750 psig yesterday, has it changed?
  - SCG (RS): There is no gauge on the well at the moment.
- DOGGR (JM): Any lateral movement of the bridge was observed?
  - SCG (RS): No, just mud accumulation with slight sag in the bridge.
- DOGGR (SM): How do you plan on moving the mud from the bridge?
  - SCG (RS): By hand.
- DOGGR (SW): Is the crater getting wider and deeper?
  - SCG (RS): it is wider, not sure how much deeper.
  - DOGGR (SW): Are there any structural threats, is the soil stable?
    - SCG (RS): No structural threat, soil is stable for now.
- CalOSHA (ME): How is erosion approaching the bridge (perpendicular or parallel)?
  - SCG (RS): it is at an angle.
- CalOSHA (ME): Is there pressure on pumps and the pump lines that are connected to the well?
  - SCG (RS): No.
- CalOSHA (ME): What is the timeline to clean up the bridge?
  - SCG (RS): it is dependent on weather and the method used.
- CalOSHA (ND): How many employees are going to be deployed to the site for the mud removal?

- SCG (RS): 5 Boots & Coots staff, 2 can access the well at a time.
- DOGGR (JM): What is keeping the mud from flying out further?
  - SCG (RS): Pressure has dropped since the previous kill attempts.
  - SCG (JC): This time fluid stayed on site, during previous kill attempts fluid had to be vacuumed off site. The difference is that:
    - Pressure has decreased.
    - Mud weight was heavier.
- DOGGR (JM): Any updates on the gas capture ideas?
  - SCG (RS): The design was provided prior to the kill attempt. Since the crater has changed in size, more information and possible re-design is necessary.
    - We do have de-mister material on site now.
    - The current bridge has already reduced oil mist.
  - DOGGR (SM): Is the bridge designed to capture gas?
    - SCG (JC): concept is the same, but since site conditions have changed, the design needs to be re-evaluated.
- CalOSHA (ME): Do you have plans for an engineer to look at the site and assess the integrity of the bridge?
  - SCG (RS): Yes AECOM engineer will take a look at it after site is cleaned up.
- DOGGR (AW): Are there going to be more data points that AECOM can collect from the Isotope injection?
  - SCG (JC): They collected a data point not at their desired conditions. There may be another attempt to collect more data points once conditions are better.
  -

#### Porter 39-A (Relief Well Site)

- SCG (TV): Polished cement to ~3700', ran 9 5/8" casing to 3682', cemented casing. Resume drilling in a day or two. Currently waiting on cement, and beginning wellhead work. Once BOP is installed, we will notify you. For logging, its best to wait a little longer to allow cement to set and avoid getting skewed results. We are on scheduling and moving forward.
- EPA (DM): Is the wind going to impact the schedule?
  - SCG (TV): Depending on the type of operations at the time, it may cause a few hours delay.

#### Second Relief Well (PS20-A)

- SCG (RS): Site grading continues, moving a lot more dirt than when first started to create a more stable pad.
- CPUC (RH): Do you import dirt?
  - SCG (RS): We do not import dirt, cut and fill, we do import base material.
  - DOGGR (SM): has the schedule changed?
    - SCG (RS): We are on schedule.

**Date & Time:** 12/25/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Hal Snyder, Todd Van De Putte, Nadia Aftab, Andy De La Rosa, Avidah Razavi.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Scott McGurk.

**Sperry (WellSpot):** Alan Gosse.

**U.S. EPA:** None.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** None.

---

#### Standard Session 25

- SCG (RS): Activities on SS25 site are weather dependent.
  - *Yesterday's activities:* Site and bridge clean up continued by hands and shovel.
  - *Today's activities:* Site cleanup continues, moving mud to bins and transferring bins to another location until a disposal plan is established.
    - Planning on testing the oil de-mister pads.
    - Oil mist spewing from the well has significantly decreased after the last kill attempt. It is at unnoticeable levels now.
    - DOGGR (SM): Yes, but it may start again.
- DOGGR (SM): Due to erosion on the south side of the well site, the south anchor has lost its tension. North and East cables are intact.
- DOGGR (SM): Large rocks came out of the hole during the last kill attempt, it is mostly consistent with the previous kill attempts just larger in size.
  - SCG (RS): It could be parts of the well cellar. Gas coming out is dry.
- DOGGR (SM): Can you obtain and provide a diagram from AECOM for the second bridge?
  - SCG (RS): We can discuss.
- CalOSHA (ME): Are you continuing site cleanup today? How are you going to address the loose anchor?
  - SCG (RS): Yes we are continuing site cleanup today. First, the site needs to be cleared so a visual inspection can be performed on the anchor. The area is coned off and Boots & Coats use the bridge at the moment.
- CalOSHA (ME): You mentioned there is a bow in the bridge yesterday, has an engineer assessed the integrity of the bridge? Is it safe to be used?
  - SCG (RS): AECOM will be on site tomorrow to look at the bridge. We believe it is safe at the moment, the sag is only a few inches.
  - CalOSHA (ME): How many people are going to be on it?
    - SCG (RS): one or two.

#### Porter 39-A (Relief Well Site)

- SCG (TV): Finished cement job yesterday, completed wellhead work, removed and reconfigured BOPE. Estimated timeline for BOPE testing is later tonight, we will notify District 2 a few hours prior to testing.
-

---

**Date & Time:** 12/26/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Hal Snyder, Nadia Aftab, Andy De La Rosa, Avidah Razavi.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Scott McGurk, Kris Gustafson.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville.

**U.S. EPA:** None.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Halter.

---

#### Standard Sesnon 25

- **SCG (RS):** Activities on SS25 site are weather dependent.
  - *Yesterday's activities:* Site clean-up continued. Tested the de-mister material, wind hampered activities.
    - AECOM assessed the integrity of the bridge to be in good condition.
  - *Today's activities:* Boots & Coots are performing additional site assessment for safety. Strong winds create unsafe working conditions.
    - AECOM will be on site again to do further assessment.
- **CalOSHA (RS):** were people on the bridge?
  - **SCG (RS):** there were Boots & Coots on the bridge yesterday but not today.
- **CalOSHA (ME):** When do you make a decision on when to stop the work?
  - **SCG (RS):** We assess as we go.
- **CalOSHA (RS):** Is Boots & Coots assessing the site and make the call to stop work?
  - **SCG (RS):** Yes on SS25.
  - **SCG (AD):** On the relief well site the rig manager/tool pusher makes the call.
- **CalOSHA (ME):** Do you measure the wind conditions on an hourly basis?
  - **SCG (RS):** No, observations are made by physical presence on site. We do not measure the wind hourly.

#### Porter 39-A (Relief Well Site)

- **SCG (AR):** Reinstalled BOPE and pre-tested. Tested the 9-5/8" casing, testing the BOPE this morning as DOGGR is here to witness. Once the BOPE is tested, we will pick up the 8 1/2" bit and the BHA to drill out of the casing, perform FIT. Will do a gyro run at ~3750' and a second ranging run depending on the gyro results at ~3850'.
- **DOGGR (SM):** Can you elaborate on the issue with the accumulator regulator? Is there an impact on the schedule?
- **SCG (AD):** There is a leak in the regulator, a replacement regulator is on its way. Should be able to finish testing today. A few hours delay is anticipated, schedule is not impacted.

#### Porter Sesnon 20-A (Second Relief Well Site)

- Grading continues - on schedule.

**Date & Time:** 12/27/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Hal Snyder, Todd Van De Putte, Jill Tracy, Glenn La Fevers, Jeff Salazar, Nadia Aftab, Andy De La Rosa, Avidah Razavi.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Scott Walker, Kris Gustafson.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone.

**U.S. EPA:** None.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Halter.

---

#### Standard Sesnon 25

- SCG (BL): Yesterday's activities: Evaluated site, 90mph winds created unsafe condition to work around the well.
  - Today's conditions are similar to yesterday, site cleanup and evaluation continues. Installing demister pads.
- CalOSHA (ME): Are you waiting on wind to continue work on site?
  - SCG (BL): Yes, wind is too strong and creates unsafe operating conditions. We evaluate site for safe operations throughout the day.

#### Porter 39-A (Relief Well Site)

- SCG (TV): Tested BOPE, cleaned out cement from 9-5/8" shoe track. This morning we are at ~3730'. Plan is to run gyro at ~3750 to check the orientation.
  - SCG (BL): Depending on the gyro run, the second ranging run may be at ~3850'.
  - Sperry (AG): Yes, we plan the second ranging run to reduce uncertainty.

#### Porter Sesnon 20-A (Second Relief Well Site)

- SCG (BL): Grading continues. A few days of delay is anticipated in the schedule due to rain and kill operation last week.

#### Other Topics

- SCG (JC): CPUC site visit is scheduled for tomorrow Monday (12/28/15) from 11:00 am to ~1:00 pm.
  - CPUC(RH): Anyone from DOGGR will be there that I can speak to?
    - DOGGR(Scott Walker): I'll be here.
    - CPUC(RH): What time?
    - SCG (JC): After the 7:30 call is the best time to meet.

**Date & Time:** 12/28/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Glenn La Fevers, Jeff Salazar, Andy De La Rosa, Avidah Razavi, Hilary Petrizzo, Barry Kerns.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Scott Walker.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas.

**U.S. EPA:** None.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

---

#### Standard Sesnon 25

- SCG (BL): There was no activity due to strong winds. Today's activities include:
  - Site and bridge cleanup as wind permits.
  - In anticipation of a few continuous days of rain, we are repositioning equipment and adding sand bags where necessary.
  - No foreseen kill attempt, until further well and site assessment is conducted.
- CalOSHA (ME): Is there surface under cut and is anyone evaluating that? How are you planning to make the site more stable?
  - SCG (JC): Site stability is our concern and we are following up on assessing soil stability. Site it hasn't changed since your last visit.
    - CalOSHA (ME): Do you have plans to evaluate it?
    - SCG (JC): Yes.

#### Porter 39-A (Relief Well Site)

- SCG (TV): Kicked off cement plug and performed FIT. Ran gyro, this morning we are drilling ~100' then the second ranging run.

#### Porter Sesnon 20-A (Second Relief Well Site)

- SCG (BL): A few days of delay due rain. Grading continues. Further rain will have an effect on the schedule.
- DOGGR (PA): Can you send us more frequent updated schedules?
  - SCG (BL): We will provide weekly schedule updates.
    - DOGGR(PA): Yes.

---

**Date & Time:** 12/29/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Hal Snyder, Jeff Salazar, Andy De La Rosa, Avidah Razavi, Hilary Petrizzo, Sonia Rodriguez, Barry Kerns.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Scott Walker.

**Sperry (WellSpot):** Alan Gosse, Kevin Bautista, Eddy Hinds.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

---

#### **Standard Sesnon 25**

- **SCG (BL):** Yesterday we had favorable conditions, site cleanup continued and we were able to re-secure the wellhead.
  - Prepositioning sand bags in anticipation of rain.
  - Install more mist extractors wind permitting.
  - Strong winds are anticipated Thursday through Saturday and may hamper activities on site.
- **CPUC (RH):** Can you elaborate on the wellhead movement?
  - **SCG (BL):** During the last pump operation, one of the cables became loose. In order to re-secure the wellhead, the site needed to be cleaned up.
  - **CPUC (RH):** How many feet did it move?
    - **SCG (BL):** ~2 ft.

#### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Directional drilled to 3850' and performed the second ranging run. Results were sent out this morning to District 2 mailbox. Currently drilling to ~3950' and getting ready to perform the third ranging run. Plans are to run USIT after the ranging run and continue to the follow phase.

#### **Porter Sesnon 20-A (Second Relief Well Site)**

- **SCG (BL):** Updated schedule was sent out this morning. Spud date moved 3 days to 12/25. Site grading continues. Getting ready to set slurry today and tomorrow.

#### **Other Topics**

- Media inquiries have significantly increased since yesterday. SCG sent out a clarification statement regarding the "pinpointed leaking well" remark in the news.



- Congress briefing tomorrow.
- PHMSA- Washington DC office requested briefing.
- DOGGR and CPUC agreed on tracking data requests and responses of their respective agencies.

---

**Date & Time:** 12/30/2015 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avidesh Razavi, Hilary Petrizzo, Sonia Rodriguez, Barry Kerns.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Scott Walker.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Marry Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone

---

### **Standard Sesnon 25**

- **SCG (BL):** Site cleanup continued. We had a few hours of shutdown yesterday due to site visits from two agencies.
  - Today's activities: prepare site for rain and fabricate demister pads. Wind and rain may delay installation.
- **CPUC (RH):** What is the demister for and what is it?
  - **SCG (JC):** It is a screen and the purpose of it is to knockdown oil mist.
- **CalOSHA (ME):** How are you planning to put the demister pads in there today?
  - **SCG (BL):** we are not putting it in today. First, the site needs to be cleaned up. We will install them via a crane.
  - **CalOSHA (ME):** How are you planning to secure the pads?
    - **SCG (BL):** we will secure it across the bridge.

### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Directional drilled to 3950' and performed the third ranging run. Ran UIST/CBL/Neutron to evaluate cement bond of intermediate casing. Currently, drilling to ~4100' and getting ready to perform the fourth ranging run after conditioning the hole.
  - **SCG (TV):** With this ranging run the locate phase is being wrapped up and moving into the follow phase.
  - **DOGGR (AW):** During the follow phase what are the ranging intervals?
    - **Sperry (AG):** during the locate phase the intervals are about 100'-150', in the follow phase the intervals will get longer anywhere from 200' to 500' depending on the results of each run.
  - **DOGGR (PA):** What's the risk of increasing the ranging intervals?

- **Sperry**(AG): We don't want to intercept the target well early and we don't want to drift away too far from the target well.
- **DOGGR** (PA): Are you increasing the risk by increasing the ranging intervals in the follow phase?
  - **Sperry**(AG): No, during the locate phase we do shorter intervals and once we do the "pass by" we will maintain a 15-20' distance from the target well and drill parallel to the target well.
  - **DOGGR** (PA): Is this a traditional customary approach with low risk then?
    - **Sperry**(AG): This is text book.
- **DOGGR** (AW): Can you provide the mud log from surface?
  - **SCG** (TV): Yes.

***Porter Sesnon 20-A (Second Relief Well Site)***

- **SCG** (BL): Grading continues, pouring slurry today, this operations takes a few days. Once the slurry is set then we will put the base material.

---

<b>Date &amp; Time:</b>	12/31/2015 at 7:30 AM
<b>Subject:</b>	SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.
<b>SCG Attendees:</b>	Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Hilary Petrizzo, Barry Kerns.
<b>DOGGR Attendees:</b>	Alan Walker, Pat Abel, Richard Boyd, Bruce Hesson.
<b>Sperry (WellSpot):</b>	Alan Gosse.
<b>Boots &amp; Coots:</b>	John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.
<b>U.S. EPA:</b>	Kate Lawrence.
<b>Cal/OSHA:</b>	Marry Ann Efron, Nimal Diungala.
<b>CPUC:</b>	Randy Halter.
<b>Consultant:</b>	Don Shackelford.
<b>Cal OES:</b>	David Stone

---

### **Standard Sesnon 25**

- **SCG (RS):** Site cleanup continued. Prepare for rainstorm that is anticipated next week. We installed sandbags to minimize any water entering the well and around the wellhead. Minimizing water entrance into the well and around the wellhead will help minimize any pad erosion. We will continue with the fabrication of demister pads, however chances are we will not be installing them today due to the high winds.
  - Today's activities: Continue preparing for rainstorm. We may be very limited due to the high winds. We are currently experiencing ~60 mph gusts.
- **CalOSHA (ME):** What are you referring to on cleanup? Mud?
  - **SCG (RS):** A little mud and getting equipment off site.
  - **CalOSHA (ME):** What is the purpose of the sandbags?
    - **SCG (RS):** To prevent water runoff and any further erosion.

### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Directional drilled to 4100' and performed the fourth ranging run. This morning we are at ~4175'. Plan forward is to drill to ~4300' and perform our first Tool Push Logging (TPL) operation, which is our ranging run through drill pipe. There is no change to the schedule.

### **Porter Sesnon 20-A (Second Relief Well Site)**

- **SCG (RS):** Continue grading compaction on pad. We anticipate to have the slurry base started in this weekend.

### **Other Topics**

- Will be having a meeting at 8:30 am this morning to discuss gas capture options at our Chatsworth Office. The call number will be sent out to all those interested.

**Date & Time:** 1/1/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Todd Van De Putte, Andy De La Rosa, Barry Kerns, Sonia Rodriguez, Hal Snyder, Jeff Salazar.

**DOGGR Attendees:** Alan Walker, Pat Abel, Richard Boyd, Bruce Hesson.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Marry Ann Efron, Nimal Diungala.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone

---

### **Standard Sesnon 25**

- **SCG (BL):** Wind conditions were very heavy that we could not get to run a crane on site. We were limited to activity due to the heavy winds.
  - Today's activities: Activity will be limited because we have similar wind conditions today. Our plan is to begin to put sandbags to protect water runoff. We are anticipating moderate to heavy rain next week. We want to get the site ready for heavy rain.
- **CalOSHA (ME):** Are you taking any precautions other than sandbags for the rain?
  - **SCG (BL):** We are also preparing SS-1 site (site above SS-25) for rain. We will have pumps and vacuum trucks available in case there is any water accumulation in the crater at SS-25 site. Our main concern is the area outside to the crater, we want to make sure we are in a position to capture water that runs off the location.

### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Directional drilled to 4300' and performed the fifth ranging run. We saw good results, so we'll keep moving forward. This morning we are at ~4425'. Plan forward is to drill to ~4600' and perform another ranging run. There is no change to the schedule at this time.

### **Porter Sesnon 20-A (Second Relief Well Site)**

- **SCG (BL):** Due to the strong winds, putting the cement slurry mix base will be difficult today. We may have to put a true cement slurry on top.

### **Other Topics**

- **DOGGR (AW)** asked if SCG could provide a document of how storage works, including Phil Baker's testimony. **DOGGR (PA)** also asked if SCG could provide a powerpoint from yesterday's meeting at Chatsworth that discussed options on gas capture. **SCG (BL)** indicated that we would track it down and respond back.

---

**Date & Time:** 1/2/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Hal Snyder, Andy De La Rosa, Barry Kerns, Isaac Ibay, Jeff Salazar.

**DOGGR Attendees:** Alan Walker, Pat Abel, Bruce Hesson.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Marry Ann Efron, Nimal Diungala.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

---

**Standard Session 25**

- **SCG (BL):** Yesterday we were able to spot the tray with mister pads on location. We were able to layout 1<sup>st</sup> layer of sandbags in preparation of the rain.
  - Today's activities: The wind is very heavy this morning, we may be limited to activity. We will continue our fabrication of the 2<sup>nd</sup> set of pads. We also plan on setting our 2<sup>nd</sup> layer of sandbags, weather permitting.
- **CalOSHA (ME):** How large is the tray and how is it put into place?
  - **SCG (BL):** The tray is 60' long and it is set with a crane. The mister pads are 6" thick in order to knock down the oil mist.
  - **CalOSHA (ME):** Are the pads already on the tray?
  - **SCG (BL):** The crane will set in place.
  - **CalOSHA (ME):** How do the pads stay in place?
  - **SCG (BL):** The tray itself is grounded and the pads are wire wrapped to the tray.
  - **CalOSHA (ME):** If I have further questions regarding the tray and pads who would I be able to contact?
  - **SCG (BL):** You can contact Hal Snyder. I believe you have his e-mail and contact information.
- **EPA (KL):** Is the tray complementary to some of the gas capture proposal?
  - **SCG (BL):** It is complementary.
- **DOGGR (PA):** I did not see any mention on the incident plan about the distance requirement personnel needed to be away from the gas ignition option. Has that been supplied?
  - **SCG (BL):** I will have to look into it and track it down.
  - **DOGGR (PA):** I'll make an official data request for that information.
- **CPUC (RH):** What is the exit point of the mist? Are you laying the pads across? Is it at ground level?
  - **SCG (BL):** Yes the pads will be at ground level to span across the crater.
  - **CalOSHA (ME):** Will rain be an issue for the pads?
  - **SCG (BL):** We had our engineering firms look at it and there should be no issue.
  - **CalOSHA (ME):** Is this a standard engineering solution or is a special customized solution due to the circumstance?

- **SCG (BL)**: It is something that has been developed with our engineering firms on site specifically for this circumstance.
- **CPUC (RH)**: Do you keep logs of your weather? The forecasted weather and actual weather?
  - **SCG (HS)**: We do send out our forecasted weather on the reports.
  - **SCG (BL)**: We don't have anemometers on site.

***Porter 39-A (Relief Well Site)***

- **SCG (ADR)**: Directional drilled to 4600' and performed the sixth ranging run. We saw good results, so we'll keep drilling ahead. This morning we are at ~4720'. Plan forward is to drill to ~4900' and perform another ranging run. There is no change to the schedule at this time. We are on track.

***Porter Sesnon 20-A (Second Relief Well Site)***

- **SCG (BL)**: The site is graded and we are working on a new slurry mixture to put down.

---

<b>Date &amp; Time:</b>	1/3/2016 at 7:30 AM
<b>Subject:</b>	SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.
<b>SCG Attendees:</b>	Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Glenn La Fevers, Barry Kerns, Sonia Rodriguez, Jeff Salazar.
<b>DOGGR Attendees:</b>	Alan Walker, Pat Abel, Bruce Hesson, Jason Marshall, Richard Boyd.
<b>Sperry (WellSpot):</b>	Alan Gosse.
<b>Boots &amp; Coots:</b>	John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.
<b>U.S. EPA:</b>	None.
<b>Cal/OSHA:</b>	Marry Ann Efron, Nimal Diungala.
<b>CPUC:</b>	Randy Halter.
<b>Consultant:</b>	Don Shackelford.
<b>Cal OES:</b>	David Stone.

---

### **Standard Sesnon 25**

- **SCG (RS):** Yesterday we completed setting sandbags in preparation of the rain. Due to unfavorable weather, we were not able to place the demister pads.
  - Today's activities: Wind appears to be favorable today, so we should be able to set 1<sup>st</sup> set of demister trays. We will continue the fabrication of the 2<sup>nd</sup> set of demister trays. We are expecting rain sometime late this evening.
- **DOGGR (JM):** Do you have an estimated bottom hole pressure or tubing pressure?
  - **SCG (RS):** I don't have that information at hand, I'll get back to you with that information.
- **CalOSHA (ME):** How will you set the demister tray in place? Are people going to be on the ground setting it in place? How close will people be to the crater?
  - **B&C (JL):** We will have tag lines attached to the demister tray. People won't be by the crater. Rods are already grounded. The demister pads are tied to a bailing wire.
  - **CalOSHA (ME):** How easy it is to position the tray to it's final setting place?
  - **B&C (JL):** Most of the work will be done with the crane. We will not be close to the crater.

### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Directional drilled to 4862'. We had some rig generator issues due to liquids. We pulled out of hole, and we did our open hole ranging run. We will bring out diesel generators to continue with our operations. It will be ½ day delay before we are back to full power. It should be sometime this evening. We will connect everything and drill ahead.

### **Porter Sesnon 20-A (Second Relief Well Site)**

- **SCG (RS):** We are continuing to prepare for rain. We have to ensure that the pad does not end up holding a lot of water. We are ensuring the pad has drainage capabilities.

- **DOGGR (AW):** What is the effect of rain to the cement?
  - **SCG (RS):** We will not be able to pour our cement due to rain. We need to let the pad dry first before laying out the cement.

***Other Topics***

- **CPUC (RH):** Who is the DOGGR Engineer out on site today?
  - **DOGGR (BH):** This is Bruce. I am.
  - **CPUC (RH):** Can I call you or e-mail you off line? Is there a time I can reach you?
  - **DOGGR (BH):** You can call me anytime between 10:30 am - 11:00 am this morning.

---

**Date & Time:** 1/4/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Neil Navin, Todd Van De Putte, Andy De La Rosa, Avidah Razavi, Nadia Aftab, Jeff Salazar, Barry Kerns, Sonia Rodriguez.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence, Daniel Meer, Jeremy Johnstone.

**Cal/OSHA:** Marry Ann Efron, Nimal Diungala.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

#### **Standard Sesnon 25**

- **SCG (BL):** Installed coalescing filter on the East side of the crater, continue fabrication of the rest of the coalescing filters for the west. Preparing for the rain and positioning sand bags around the site.
- **U.S.EPA (KL):** I have 2 questions:
  - How effective are the filters? **SCG (BL):** We have just installed one; the bridge is also helping with knocking down the oil mist. We will have a better idea on filter performance tomorrow.
  - How many more are you preparing? **SCG (BL):** two additional ones, one for the east and one for the west side.
- **CalOSHA (ME):** what is your plan for staffing during rain period?
  - **SCG (BL):** P39A staffing does not change. At SS25, monitoring continues, we will be positioning more sand bags on an as needed basis. If weather permits, we may install one more filter.
- **CalOSHA (ME):** Are the pumps on standby?
  - **SCG (BL):** No accumulation in the crater, we have the pumps on hand.
- **CPUC (RH):** What type of pumps are you using?
  - **SCG (BL):** Pneumatic Diaphragm.

#### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Finished Ranging Run #7, replaced the rig generators, tested equipment, and ran a new BHA this morning. We should start drilling in a few hours, the next drill pipe ranging run is planned to be at ~5400'.
- **DOGGR (JM),** Asked for the current depth TVD at P39A in relation to SS25.
- **SCG:** Will provide that information in an email CC: Pat Abel, Al Walker, Jason Marshall, and Randy Halter.

#### **Porter Sesnon 20-A (Second Relief Well Site)**

- **SCG (BL):** Preparing for rain, we cannot set cement-soil slurry due to rain.

---

**Date & Time:** 1/5/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avidesh Razavi, Nadia Aftab, Jeff Salazar, Barry Kerns, Sonia Rodriguez.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Jim LaGrone, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence, Daniel Meer, Jeremy Johnstone.

**Cal/OSHA:** Marry Ann Efron, Nimal Diungala, Mike (San Diego)

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

### **Standard Sesnon 25**

- **SCG (BL):** Yesterday's activities: monitoring continued, did some site cleanup.
  - This morning there is heavy rain and fog. We will keep monitoring and install more sand bags as needed.
  - Continue working on the shorter (60') coalescing filter to be installed on the east side, if weather permits we may be able to install it.
  - Continue working on fabrication of the second longer coalescing filter for the west side.
- **CPUC (RH):** The SS25 wellhead was loose; did you secure it via cables?
  - **SCG (BL):** Yes, we used four, 3/4" cables; wellhead is re-secured and is in good condition.
  - **CPUC (RH):** Is that going to have any impact on putting the trays in? **SCG (BL):** No.
  - **CPUC (RH):** Are cables grounded off? **SCG (BL):** yes.

### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Drilled from 4862' to 5156' (~294') as of midnight. Currently at ~5300', drilling to 5400' in the next few hours and perform the 8<sup>th</sup> ranging run. Rain hasn't impacted us, we are on schedule.
- **SCG (BL):** we are in the "Follow" phase and making good progress, at ~8000' we will slow down to do more ranging run and tripping pipe. In preparation to intercept the Target Well, more frequent ranging runs after ~8000' will be performed. The time that it takes to do these runs (also reflected in the schedule) is about the same time that it takes drilling out of the 9-5/8" casing shoe to set the 7" casing.

### **Porter Sesnon 20-A (Second Relief Well Site)**

- **SCG (BL):** Compaction at the site is complete and the pad should accept rain. Sat/Sun may pour the cement soil slurry.
- **DOGGR (SW):** Is work suspended?

- SCG (BL): Yes, pad shouldn't be effected. The updated schedule was sent out yesterday. The Spud date was moved about a week to 2/1/16.
- DOGGR (JM): was the schedule sent to the distribution list?
  - SCG (BL): yes, and we will send weekly updates on Mondays.

### **Other Topics**

- **EPA** (DM): Are you injecting at Aliso?
  - SCG (JC): We are not injecting at Aliso but at other fields. First priority is to withdrawal from Aliso.
  - SCG (BL): Since Oct 25<sup>th</sup> we haven't injected gas at Aliso. We do injected water into shallow zone as part of the withdrawal effort.
  - EPA (DM): Is that a different zone?
  - SCG (BL): yes, it is thousands of feet higher and is not connected to the storage zone.
- **CPUC** (RH): Are you injecting from transmission?
  - SCG (JC): we are doing everything we can by transmission and other fields to maximum our withdrawal at Aliso. Demand effects the withdrawal efforts.
- **CalOSHA** (ME): Which facilities are you injecting at and how close are they to Aliso?
  - SCG (JC): Honor Rancho which is located in Newhall, Goleta which is near UCSB, and Playa Del Rey.
- **SCG** (JC): Coalescing filters were referred to as demister pads that are ~100' tall in an article, those pads are only a few inches tall.
  - Saturday (1/9/16) at 9 am, public hearing in Granada Hills High School- SCAQMD has issued an Order for Abatement.
  - Governor Jerry Brown, his wife, and his staff visited yesterday.

**Date & Time:** 1/6/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Andy De La Rosa, Avidesh Razavi, Nadia Aftab, Hilary Petrizzo, Barry Kerns.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Kate Lawrence, Daniel S., Jeremy Johnstone.

**Cal/OSHA:** Marry Ann Efron, Robert Salgado.

**CPUC:** Randy Halter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

### ***Standard Sesnon 25***

- **SCG (BL):** Yesterday's activities: Rian limited activities, the measures in place worked well. Sand bags redirected water to the east catch basin. Very little water entered the crater.
  - This morning, heavy rain is anticipated to last all day, short coalescing tray is ready to be installed. We will keep monitoring and positioning sand bags as needed.
- **DOGGR (AW):** Any updates on Methane Capture design?
  - **SCG (RS):** It's in the final design stages, finalizing construction plan and schedule. It will be reviewed by B&C.
  - **SCG (JC):** Permitting was submitted and is in queue.
  - **DOGGR (PA):** Do you have a date for installation?
    - **SCG (RS):** As soon as the design is finalized, approved, and the permit is finalized and issued.

### ***Porter 39-A (Relief Well Site)***

- **SCG (TV):** Drilled from 5156' to 5488' and performed Ranging Run #8. This morning we are at 5575', drilling ahead to 6000' to perform Ranging Run #9. On schedule.

### ***Porter Sesnon 20-A (Second Relief Well Site)***

- **SCG (BL):** On hold until rain stops – as soon as we get a window to pour the slurry we will do so.

---

**Date & Time:** 1/7/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Neil Nevin, Jeff Salazar, Nadia Aftab, Andy De La Rosa, Avidah Razavi, Hilary Petrizzo, Scott Kysar(?), Barry Kerns.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Jeremy Johnstone.

**Cal/OSHA:** Marry Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

**Standard Sesnon 25**

- **SCG (BL):** Yesterday's activities: Due to heavy rain and fog activities were limited, mainly monitored.
  - The protections in place is working well, sand bags redirected rain.
  - Today's activities: Weather is favorable this morning, we may be able to position the 60' tray to the east side.
    - Continue working on the 100' tray that will go to the west side.
- **SCG (BL):** We also conducted another nitrous oxide tracer survey.
  - **OSHA (ME):** what is a tracer study?
    - **SCG (BL):** release nitrous oxide into gas stream and do dispersion modeling to calculate estimated gas escaping the hole. We have submitted a lot of information to various agencies on this.
    - **SCG (JC):** The reason we are doing the tracer study is strictly for engineering design of gas capture.
- **SCG (RS):** The gas capture permit was submitted to SCAQMD. In final stages of design, Boots & Coots will review the design from safety standpoint.
  - **SCG (BL):** We will provide an electronic copy of the drawings once it is available.

**Porter 39-A (Relief Well Site)**

- **SCG (TV):** Drilled from 5488' to 6000', we are performing Ranging Run #9, once results are reviewed we will drill ahead. On schedule.
- **DOGGR (JM):** Can you send us (PA, AW, JM) the relief well depth in relation to SS25?
  - **CPUC (RH):** cc me as well.
  - **SCG (BL):** we will send that to you this morning.

***Other Topics:***

SCG (JC): Update on site visits and meetings:

- Had a briefing with DOE yesterday (1/6/16) – Reliability inquiries.
  - We are withdrawing as much as we can.
- Sat 1/9/2016 at 9 am – Public hearing in Granada Hills High School- SCAQMD Order for Abatement.
- Today (1/7/16) – Meeting with CPUC – briefing on how storage works.
- This evening (1/7/16) – Community Advisory Meeting.
- Brad Sherman’s office requested for a site visit in a week.

---

**Date & Time:** 1/8/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Rodger Schwecke, Todd Van De Putte, Neil Nevin, Jeff Salazar, Nadia Aftab, Andy De La Rosa, Avidah Razavi, Hilary Petrizzo, Scott Kysar, Barry Kerns, Isaac Ibay.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez.

**U.S. EPA:** Jeremy Johnstone.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

### **Standard Sesnon 25**

- **SCG (BL):** Yesterday's activities: We had good conditions and were able to install the coalescing tray on the east side.
  - Work on the 100' coalescing tray continues, we may be able to finish it today and install it tomorrow.
  - Winds are not favorable today, monitoring continues.

### **Porter 39-A (Relief Well Site)**

- **SCG (TV):** Drilled from 6000' to 6250', plan on ranging run #10 at ~6600'. On schedule.

### **Porter Sesnon 20-A (Relief Well Site#2)**

- **SCG (BL):** Cleaning up the site this morning and planning to pour the cement-soil mix early next week.

### **Other Topics:**

- **SCG (BL):** This morning SCG submitted the gas capture engineering design drawings to Alan Walker and Jason Marshall per the Governor's order.
  - **DOGGR (AW):** National lab is interested in any data collected.
  - **SCG (BL):** Send their requests to Rodger Schwecke and we will get back to you.
- **DOGGR (PA):** Other Agencies are requesting for the data, would you be okay if we distribute it?
  - **SCG (BL):** That would be great if you can help with the distribution.
- **DOGGR (AW):** Was there a radon testing done a few weeks ago? If so where is the source and results?
  - **SCG (JC):** County of Health has asked us to perform radon testing. Testing is scheduled for next week (Jill Tracy is coordinating the effort).

- DOGGR was under the impression that SCG had performed radon testing 2 weeks ago, SCG to follow up.
- SCG (JC): In 2014, there was a NORM survey done at Aliso – this was a separate study and not part of this incident.
- DOGGR (AW): Can we get the survey? SCG (JC): Yes.
- SCG (BL): We are working on relief wells #1 and #2 contingency plan today.
  - DOGGR (AW): Is gas capture part of the contingency plan?
    - SCG (BL): Yes, that is one of the contingencies.
- SCG (JC): Briefings and Media update:
  - Yesterday:
    - ARB, DOGGR, and SCG had a briefing with the Porter Ranch Advisory Committee last night.
    - Bret Lane interviewed with New York Times, and CBS evening news.
  - Today:
    - Meeting with Senator Fran Pavley and Mary Nichols.
    - PHMSA briefing.
  - Saturday 1/9/2016 - Public hearing in Granada Hills High School- SCAQMD Order for Abatement. Anticipating over a thousand participants.
  - Tuesday 1/19/2016 – Congressman Brad Sherman is planning to visit the site.

---

**Date & Time:** 1/9/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmie Cho, Rodger Schwecke, Neil Nevin, Jeff Salazar, Nadia Aftab, Andy De La Rosa, Avidah Razavi, Scott Kysar, Sonia Rodriguez, Isaac Ibay.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Robert Salgado.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

***Standard Sesnon 25***

- **SCG (RS):** Yesterday's activities: Site assessment and monitoring continued in the morning, in the afternoon CalOSHA performed air sampling, which took about ~3 hours.
  - Continue fabrication of the 100' filter tray, we may be able to complete it today.

***Porter 39-A (Relief Well Site)***

- **SCG (AR):** Drilled from 6085' to 6600', pulled out of the hole and getting ready to perform open hole RR#10. Once results are reviewed, we will drill ahead until the next stop for RR#11. On plan and schedule.

***Porter Sesnon 20-A (Relief Well Site#2)***

- **SCG (RS):** Yesterday turned over dirt to dry out, today moving cement setup equipment in preparation for pouring cement-soil mix on Monday.

***Other Topics:***

**Methane Capture System**

- **SCG (NN):** Pre construction meeting is scheduled at 9 am this morning. Plan to mobilize material and equipment on Monday.
- **SCG (RS):** Boots & Coots are performing risk assessment on methane capture equipment. The report should be ready early this week.
  - **EPA (KL):** EPA is interested in receiving the written risk assessment document. In addition, if there is safety assessment info available on the current trays in place provide that info as well.

- **CalOSHA** (RS): There was no JSA completed during the installation of the trays?
  - **B&C** (JL): JSA is performed everyday by B&C. We are putting together the documents you have requested which is due by Jan25th. We will send it over to you in that package.
- **DOGGR** (SM): Any permitting issues? **SCG** (RS): Submitted proper documentation to SCAQMD.
- **SCG** (RS): Received an email from CPUC/SED that they are interested in performing their own safety assessment.
- **CPUC** (RH): How many trays are you working on?
  - **SCG** (RS): working on the 3<sup>rd</sup> tray which is 100'.

### Inspections

- **SCG** (RS): Bringing a third workover rig to the site to expedite casing inspections.
- **DOGGR** (AW): How many days does it take to inspect each well?
  - **SCG** (RS): it depends it could take anywhere between 10 to 20 days
- **DOGGR** (AW): Will you be installing the same 2-7/8" tubing?
  - **SCG** (RS): not necessarily, it depends. We pull the tubing for inspection and casing is inspected by pressure test and other methods.

---

**Date & Time:** 1/10/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmie Cho, Todd Van De Putte, Andy De La Rosa, Neil Nevin, Nadia Aftab, Barry Kerns, Sonia Rodriguez, Greg Healy.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** None

**Cal/OSHA:** Marry Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

***Standard Sesnon 25***

- **SCG (BL):** Yesterday's activities: Continued fabricating large tray. Large tray is pretty much done.
  - Conditions are looking favorable today.
  - We plan to stage the Large tray onsite today.

***Porter 39-A (Relief Well Site)***

- **SCG (TV):** Reached 6600', performed open hole RR#10. As of this morning, we are drilling at 6750'. Plan is to drill to 7200' for our next ranging run. On plan with schedule.

***Porter Sesnon 20-A (Relief Well Site#2)***

- **SCG (BL):** Staged equipment to spot cement slurry on site. We will continue staging equipment today. Plan is to start pouring cement-soil mix tomorrow.
- **DOGGR (JM):** How long before the cement-soil mix is in place?
  - **SCG (BL):** It will take a few days to put down the cement-soil mix in place, then a couple of days for it to set up. The 2<sup>nd</sup> relief well rig equipment has already started to come in. We've had a couple of loads delivered already. Once the pad is ready, we will start to spot rig equipment and rig up.

***Other Topics:***

***Methane Capture System***

- **DOGGR (PA):** Are we still on schedule for the gas collection system?
  - **SCG (NN):** We are awaiting permits. Have started receiving equipment but not started construction yet.
  - **SCG (BL):** We will continue the risk assessment.

**Date & Time:** 1/11/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Neil Navin, Todd Van De Putte, Glenn La Fevers, Greg Healy, Nadia Aftab, Andy De La Rosa, Avidah Razavi, Scott Kysar, Sonia Rodriguez, Barry Kerns.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Daniel Meer.

**Cal/OSHA:** Robert Salgado, Mary Ann Efron.

**CPUC:** Randy Holter, Elizaveta Malashenko.

**PHMSA:** Cynthia Ishikawa.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

---

### ***Standard Sesnon 25***

- SCG (BL): Yesterday's activities: Site preparation continued, worked on the coalescing tray.
  - Finishing the coalescing tray today. Wind conditions are not favorable; we will monitor and adjust accordingly.

### ***Porter 39-A (Relief Well Site)***

- SCG (TV): Drilled from 6600' to 7197' as of this morning. Rigging up for ranging run # 11. Once results are reviewed, drilling will resume. On schedule.

### ***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): continued site cleanup due to rain, cement set up equipment is onsite. Turning over dirt today and getting ready for cement soil mixture set up.

### ***Other Topics:***

#### **Methane Capture System**

- SCG (BL): work continues on the system.
  - CalOSHA (ME): Are the current trays going to stay in place and you are adding a nozzle? are you adding a new tray for it?
    - SCG (NN): The larger bridge is being modified. The incinerator is being built off site and away from the well. The current 100' tray is being assessed to accept the nozzle. We are assessing the constructability and modifying the existing tray.
-

- DOGGR (SW): Any permitting issues?
- SCG (NN): We have active discussion with SCAQMD and submitted documents for the incineration units.

Cal/OSHA (ME) stated that OSHA does not issue permits but if they review and have safety concerns, they do have the ability to stop this effort and voice their concerns.

CPUC (Liza) stated that OSHA, DOGGR, and CPUC had discussed to collectively review the engineering design from a safety standpoint. A formal approval/permit from the stated agencies is not needed, but if there are concerns, they will notify SCG.

DOGGR (JM) stated that the methane capture system is not part of the well operation and from a regulatory standpoint, DOGGR does not have the authority on the gas capture system and CPUC is the lead.

**Date & Time:** 1/12/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Jimmie Cho, Neil Navin, Todd Van De Putte, Glenn La Fevers, Greg Healy, Nadia Aftab, Andy De La Rosa, Scott Kysar, Isaac Ibay.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Robert Salgado, Mary Ann Efron, Nimal Diungala.

**CPUC:** Randy Holter, Elizaveta Malashenko.

**PHMSA:** Cynthia Ishikawa.

**Consultant:** Don Shackelford.

**Cal OES:** David Stone.

**Wild Well Control:** John Wright.

---

### **Standard Session 25**

- SCG (BL): Yesterday's activities: Site preparation continued. Wind conditions were not favorable.
  - Wind conditions are not favorable today. We are modifying the coalescing tray and we will be adding 20' to the end of the tray. That will make the coalescing tray 120'. If wind conditions allow, we will attempt to set tray at the site today.
- CalOSHA (ME): What is the reason for adding 20' to the tray?
  - SCG (BL): We are adding 20' to the tray so we have more than enough reach over the crater. It is an extra precaution being taken.
- CPUC (RH): Is this the 4<sup>th</sup> tray?
  - SCG (BL): This is the 3<sup>rd</sup> tray.
- SCG (BL): Once we get to the intercept phase and establish communication, we are going to take the trays off. This is so we can accept any fluids that may surface at the site.

### **Porter 39-A (Relief Well Site)**

- SCG (TV): Drilled from 6600' to 7197'. Performed ranging run # 11. We are currently at 7390' as of this morning. We plan to continue drilling to our next target ranging run depth of 7600'. On schedule.
  - SCG (BL): After we get to 7600', we will start to slow down our daily footage progress. The ranging run intervals will be shorter and we will do open hole ranging versus drill pipe ranging so that will consume more time.
-

- CPUC (RH): You mentioned open hole?
  - SCG (TV): We will be doing open hole ranging runs.
  - SCG (BL): We will have to trip in and trip out with our drill pipe in order to do the open hole ranging runs.
  - Sperry (AG): The reason for the open hole ranging run is so we can get the data at the very bottom of the wellbore, instead of 110' behind the drill bit.

**Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): There was more water saturation than we expected. We had to turn over some of the dirt to allow it to dry. We plan to start setting the cement-soil mixture today.

**Other Topics:**

- DOGGR (PA): Is there a representative from Wild Well Control on site?
  - SCG (BL): Yes, we have John Wright, who will helping support me in the ongoing effort.
- DOGGR (JM): I realize that weather is limiting some activity at SS 25. Is weather an issue with completing Relieve Well #1 and Relieve Well #2?
  - SCG (BL): At our Relief Well #1, Porter 39A, we have not had an issue with weather. Relief Well #2, we have had some delay but still continuing progress.
- SCG (BL): Sunday night, ~5:30 pm, there was a helicopter that broke the flight restriction. We were not able to get the tag number because of it being dark.
- SCG (RS): Early this morning there was a commercial airplane, Southwest Airlines, which flew inside the restriction.

**Date & Time:** 1/13/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Jimmy Cho, Neil Navin, Todd Van De Putte, Glenn La Fevers, Greg Healy, Nadia Aftab, Jill Tracy, Jeff Koskie, Andy De La Rosa, Avideh Razavi, Hilary Petrizzo, Scott Kysar, Sonia Rodriguez, Isaac Ibay.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Jeremy Johnstone.

**Cal/OSHA:** Nimal Diungala.

**CPUC:** Elizaveta Malashenko.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford, John Wright

**Cal OES:** None.

---

### **Standard Sesnon 25**

- SCG (BL): Yesterday's activities: strong north winds hampered activities. Continued site preparation for the long coalescing tray.
  - Tray has been extended 20' and the construction may finish today.

### **Porter 39-A (Relief Well Site)**

- SCG (TV): Drilled from 7217' to 7600', conditioned hole, ran in hole for open hole ranging run #12. Making additional confirmation runs, once results are reviewed, drilling will resume.
- EPA (JJ): what is the depth of the next ranging interval?
- SCG (BL): It depends on the results of this run. Intervals are getting shorter as we move forward.

### **Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): first layer of cement soil is in place, there are total of 4 layers and each layer takes about 1 day.

### **Other Topics:**

- SCG (JC): There is a meeting in Chatsworth this morning to discuss Methane Capture.
  - Governor's office has coordinated a community meeting at 6PM.
  - CPUC (Liza): The head of all agencies will be present.
- SCG (JC): ARB has issued their emissions estimate (~60% less than what it was in Nov).

**Date & Time:** 1/14/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Jimmy Cho, Jill Tracy, Jeff Salazar, Glenn La Fevers, Greg Healy, Neil Navin, Nadia Aftab, Andy De La Rosa, Avideh Razavi, Hilary Petrizzo, Scott Kysar, Sonia Rodriguez, Isaac Ibay.

**DOGGR Attendees:** Jason Marshall, Alan Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence, Daniel Meer, Jeremy Johnstone.

**Cal/OSHA:** Robert Salgado, Mary Ann Efron, Nimal Diungala.

**CPUC:** Randy Holter, Elizaveta Malashenko.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford, John Wright, Pete Slagel.

**Cal OES:** Dave Stone.

---

### ***Standard Sesson 25***

- SCG (BL): Yesterday's activity: Installed heat shields on adjacent wells SS25-A and SS25-B. Work on the 120' long coalescing tray continued.
  - Preparing the tray to move, reassemble and install today.

### ***Porter 39-A (Relief Well Site)***

- SCG (TV): Finished ranging run #12, results were questionable so the next interval is shorter. Drilled from 7600' to 7710', getting ready for ranging run #13 this morning.

### ***Porter Sesson 20-A (Relief Well Site#2)***

- SCG (BL): Second layer of cement soil is in place, the third layer will be poured today, and the last layer tomorrow. The cellar ring and conductor hole may be drilled on Sunday.

### ***Methane Gas Capture***

- SCG (JC): A meeting was chaired and co-chaired by CalOSHA and CPUC at SCG facility. Agencies involved were OSHA, CPUC, DOGGR, PHMSA, AQMD, EPA, City fire department, LA County fire department, LA fire department Hazmat, SCG, and AECOM.
  - Phase 1 and phase 2 of the engineering plan was reviewed.
  - SCG is waiting on clarification for permitting and jurisdiction.

- DOGGR (SM): SCG needs a declaration from agencies that authorize, approve, and permits this system.
- EPA (KL): Is there an action item list from yesterday's meeting, maybe a list of supporting documents and analysis to finalize the gas capture?
  - SCG (JC): Meeting was chaired by OSHA not SCG. We first need clear guidance on the next steps from all agencies involved.
- OSHA (RS): I had a conversation with Matt from PUC, he will contact you, but it seems like per CFR the agency that has authority over methane capture system would be Fire Marshal.
- OSHA (ME): Do you have material being delivered to the site for Methane Capture System?
  - SCG (JC): Some material will be stored on site, as for construction, it is awaiting AQMD permit.
  - OSHA (ME): So you are collecting material in anticipation of permit.
  - SCG (NN): The design elements are either in transit, receipt or delivery phase.
  - OSHA (ME): What is the material?
  - SCG (NN): instrumentation, pipe, etc. being shipped.
  - OSHA (ME): What is the timeline to receive the material?
  - SCG (NN): ~ two weeks.
- SCG (BL): We met with CEC and discussed reliability concerns, maximum injection and withdrawal capabilities, customer and electric generation impact for the forthcoming months.
- SCG (BL): We had a meeting with my technical advisor, and Scott McGurk to review the modeling of prior kill attempts. We can discuss the modeling in Friday's meeting with the National Lab and DOGGR.
- EPA (DM): Can you please send me the names of attendees from National Lab?
  - DOGGR (JM): Yes.

**Date & Time:** 1/15/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Jimmy Cho, Jill Tracy, Jeff Salazar, Glenn La Fevers, Greg Healy, Neil Navin, Nadia Aftab, Andy De La Rosa, Avideh Razavi, Hilary Petrizzo, Scott Kysar, Sonia Rodriguez, Barry Kerns.

**DOGGR Attendees:** Kris Gustafson, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence, Jeremy Johnstone.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Elizaveta Malashenko.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford, John Wright, Pete Slagel.

**Cal OES:** Dave Stone.

---

### Standard Session 25

- **SCG (BL):** Yesterday's activities: mainly monitoring, not much activity at the site.
  - Today's activities includes possibly moving wireline to the site to attempt a gyro survey. A gyro survey in SS25 helps with the intercept phase. This effort may take 1 or 2 days.
  - We will attempt to run pressure and temperature surveys.
  - **PHMSA (CI):** Is there a requirement to run a gyro survey?
    - **SCG (BL):** No, it helps with the relief well effort.
    - **PHMSA (CI):** Has RR#12 results caused the gyro survey to be required and is there a deviation from the relief well plan?
    - **SCG (BL):** No, we drill shorter intervals, and perform more frequent ranging runs, as part of the plan.
    - **DOGGR (SW):** It is also recommended by DOGGR, since the field pressure is lower, possibility of a successful gyro run is higher.
    - **DOGGR /SCG :** It is also noted in P39A permit, as long as it can be done safely.

### Porter 39-A (Relief Well Site)

- **SCG (TV):** Finished RR #13, drilled from 7710' to 7800', performing open hole RR#14.

### Porter Session 20-A (Relief Well Site#2)

- **SCG (BL):** Third layer is in place, today the last layer will be poured. Adding base will initiate tomorrow. Per DOGGR request, daylight drains will be added.



***Other Topics-Today's meetings***

- Hydraulic modeling meeting with DOGGR today.
- Governor's Office will hold a Town Hall at Shepherd of the Hills Church at 7 pm this evening.

**Date & Time:** 1/16/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Jimmy Cho, Jeff Salazar, Jeff Koskie, Nadia Aftab, Andy De La Rosa, Avidah Razavi, Scott Kysar, Isaac Ibay, Barry Kerns.

**DOGGR Attendees:** Scott Walker, Al Walker

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** None.

**Cal/OSHA:** Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

---

### ***Standard Sesnon 25***

- **SCG (BL):** Yesterday's activity: we were able to run a temperature and pressure surveys.
  - Today's activity: Attempt a gyro run.

### ***Porter 39-A (Relief Well Site)***

- **SCG (TV):** Drilled from 7800' to 7860', performed open hole RR#15, drilling from 7860' to 7950' to perform open hole RR#16.

### ***Porter Sesnon 20-A (Relief Well Site#2)***

- **SCG (BL):** Fourth and last layer of the cement soil slurry was poured yesterday. Today, the 6" base installation starts.

### ***Other Topics-Today's meetings***

- **SCG (BL):** Kill Well On Paper (KWOP) exercise is scheduled for today to review the killing process with relief well crews. We will have another KWOP meeting once we get closer to interception.
- **SCG (JC):** After the meeting with Agencies earlier in the week, SCG has received multiple data requests from agencies regarding the gas capture system. SCG sent an email to SED (Ken Bruno) asking for extension.
  - **SCG (BL):** We are evaluating all aspects of the current and new designs and should be ready in a few days. We will only proceed if it can be done safely.

**Date & Time:** 1/17/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Rodger Schwecke, Todd Van De Putte, Jimmy Cho, Jill Tracy, Glenn La Fevers, Nadia Aftab, Andy De La Rosa, Sonia Rodriguez, Barry Kerns, Isaac Ibay.

**DOGGR Attendees:** Scott Walker, Al Walker, Pat Abel

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

---

### ***Standard Sesnon 25***

- SCG (RS): Yesterday's activity: We were able to run a gyro survey.
  - Today's activity: Limited morning activity. We will continue to monitor the well.
  - SCG (TV): We were able to run gyro survey to confirm data with what we had.
  - Sperry (AG): Gyro Survey makes the target well (SS 25) predictable. We will be able to drill longer intervals because of the information captured with the gyro survey.
- PHMSA (TL): What were the results of the temperature and noise logs?
  - SCG (RS): We ran a temperature and pressure survey. Results were consistent with the data we expected.

### ***Porter 39-A (Relief Well Site)***

- SCG (TV): We completed RR#15. We then drilled from 7860' to 7950', performed open hole RR#16, drilling from 7950' to 8070' to perform open hole RR#17.

### ***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (RS): We began laying the base on the pad. We drilled the conductor hole and set the conductor. The majority of the rig is on the hill. We are anticipating to start moving the rig to the pad this upcoming Tuesday/Wednesday.
-

**Date & Time:** 1/18/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Lisa Alexander, Todd Van De Putte, Glenn La Fevers, Greg Healy, Nadia Aftab, Neil Navin, Andy De La Rosa, Avidah Razavi, Scott Kysar, Isaac Ibay, Sonia Rodriguez.

**DOGGR Attendees:** Jason Marshall, Al Walker, Kris Gustafson, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** None.

**Cal/OSHA:** Nimal Diungala, Mary Ann Efron, Robert Salgado.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford, Pete Slagel.

**Cal OES:** None.

---

### ***Standard Sesnon 25***

- SCG (BL): Yesterday's activities: continued monitoring.
  - Today's activities: continue monitoring.

### ***Porter 39-A (Relief Well Site)***

- SCG (TV): Finished RR#16 at 7950', drilled from 7950' to 8070' and performed RR#17. Based on the results of ranging runs, drilling will continue to 8160' for RR#18. This morning we are at ~8125'. On schedule.

### ***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Installed the conductor yesterday.
  - Installing the cellar ring today and adding base continues. Most of the rig equipment is on site, once the base is added, the rig equipment will be moved on the pad. Spud date remains the same.
- DOGGR (PA): have you received the permit for this site yet?
  - SCG (TV/BL): No.
  - DOGGR (KG): It is waiting on DOGGR's comments and Bruce's signature.
  - DOGGR (PA): We will take care of it.

### ***Other Topics-Meetings***

- SCG (JC):
    - Yesterday's visitor: Senator Feinstein's field representative.
    - Tomorrow's (1/19/16) visitors are:
-



- 
- Congressman Brad Sherman
  - Mitchell Englander – City Council District 12
  - Paul Koretz – City Council District 5
  - Wednesday (1/20/16): Gillian Wright meeting with the City Council.
  - Thursday (1/21/16): The Porter Ranch Community Advisory Committee (PRCAC) weekly meeting at Granada Hills, at 6pm.

**Date & Time:** 1/19/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Todd Van De Putte, Nadia Aftab, Neil Navin, Andy De La Rosa, Avidesh Razavi, Hilary Petrizzo, Scott Kysar, Sonia Rodriguez, Isaac Ibay, Barry Kerns, Jill Tracy.

**DOGGR Attendees:** Jason Marshall, Al Walker, Kris Gustafson, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Dan Meer, Jeremy Johnstone, Kate Lawrence.

**Cal/OSHA:** Nimal Diungala, Mary Ann Efron.

**CPUC:** Randy Holter, Elizaveta Malashenko.

**PHMSA:** None.

**Consultants:** Don Shackelford, John Wright, Pete Slagel.

**Cal OES:** Dave Stone.

**Add Energy:** Morten Haug Emilson

---

**Standard Sesnon 25**

- SCG (BL): Yesterday's activities: continued monitoring.
  - Today's activities: monitoring continues.
- OSHA (ME): Any updates on the coalescing trays?
  - SCG (BL): Two trays have been placed on the east side. The construction of the third tray is finished. We have been evaluating the site and will continue to monitor the site, but we do not plan on setting the third tray in place at the moment. After the upcoming ranging run, we will be 160' away from setting the 7" casing and will be close to interception and kill. The bridge and trays need to be removed prior to the interception and kill for safety reasons.
  - EPA (KL): Why do you need to remove the trays?
    - SCG (BL): Because fluid may come up as we intercept and kill.

**Porter 39-A (Relief Well Site)**

- SCG (TV): Drilled from 8070' to 8160' and performed RR#18. Drilling to the next ranging run depth at 8240'. Current depth as of this morning is ~8220'.

**Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): Cemented cellar ring and conductor in place, drilling rat/mouse hole and cementing in place today. We will start moving equipment this week.

*Other Topics*

- SCG (JC):
  - Today's visitors are:
    - Congressman Brad Sherman
    - Mitchell Englander – City Council District 12
  - Wednesday (1/20/16): Gillian Wright meeting with the LA City Council.
- SCG (BL): After reviewing the Gas Capture System, it was decided not to proceed with the system as deemed unsafe.

**Date & Time:** 1/20/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Todd Van De Putte, Glenn La Fevers, Greg Healy, Nadia Aftab, Neil Navin, Andy De La Rosa, Avideh Razavi, Hilary Petrizzo, Scott Kysar, Sonia Rodriguez, Barry Kerns, Jeff Salazar, Jeff Koskie, Jill Tracy.

**DOGGR Attendees:** Jason Marshall, Al Walker, Kris Gustafson, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Jeremy Johnstone, Kate Lawrence.

**Cal/OSHA:** Nimal Diungala, Robert Salgado.

**CPUC:** Randy Holter, Elizaveta Malashenko.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford, John Wright, Pete Slagel.

**Cal OES:** Dave Stone.

**LA County Fire Dept.:** Chief Greg Hisel.

---

#### **Standard Sesnon 25**

- SCG (BL): Monitoring continues.
- CPUC (RH): Are coalescing trays in place? Was there 4?
  - SCG (BL): Yes, currently there are two trays on the east side, the third one was constructed but we do not plan on setting it in place, as we are getting close to set the 7" casing.
  - Once we start drilling out of the 7", the other trays will be removed and only the bridge will stay on site.

#### **Porter 39-A (Relief Well Site)**

- SCG (TV): Drilled from 8160' to 8240' and performed RR#19. Drilling 100' to the next ranging run depth at 8340'. Current depth as of this morning is ~8292'.

#### **Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): Performing final leveling and pre-positioning equipment.

#### **Other Topics**

- SCG (BL):
  - Today's Meetings:
    - SCAQMD hearing in Diamond Bar.
    - SCG meeting with the LA City Council.

- Tomorrow's Meetings:
  - The Porter Ranch Community Advisory Committee (PRCAC) weekly meeting at Granada Hills, at 6pm.
  - FERC briefing.
- SCG (BL): There is a possible CARB flyover tomorrow.
- CalOES (DS): Can you send us notification on public meetings and flyovers. SCG (JC): Yes.
- LA County Fire Dept. (GH): We made a request to FAA to re-center/change the no-fly zone, to capture the relief well site(s). Also, the elevation has changed to 2600'.

**Date & Time:** 1/21/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Todd Van De Putte, Glenn La Fevers, Greg Healy, Nadia Aftab, Andy De La Rosa, Avidah Razavi, Sonia Rodriguez, Barry Kerns, Jeff Koskie, Jill Tracy.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott McGurk, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Jeremy Johnstone.

**Cal/OSHA:** Nimal Diungala, Robert Salgado.

**CPUC:** Randy Holter.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

**LA County Fire Dept.:** Chief Greg Hisel.

---

#### **Standard Session 25**

- **SCG** (BL): Monitoring continues.
- **OSHA** (RS): Are any wireline activities on SS25?
  - **SCG** (BL): No, and there are no plans for any wireline activity at this time.
- **CPUC** (RH): What changes do you see in SS25, more or less mist?
  - **SCG** (JC): Unchanged.
- **CPUC** (RH): Is there a summary of the previous kill attempts?
  - **DOGGR** (JM): We have been consulting with the National Lab to evaluate the past kill attempts.
  - **CPUC** (RH): can I get a copy of the evaluation?
    - **DOGGR** (JM): Yes.

#### **Porter 39-A (Relief Well Site)**

- **SCG** (TV): Drilled from 8240' to 8340' and performed gyro run, getting ready for RR#20. Once the results are reviewed drilling resumes.
  - **DOGGR** (SM): Each gyro and ranging run can take up to 24 hours is that correct?
    - **SCG** (TV/BL): Yes, 24 hours or longer. We entered the cap rock yesterday, rate of penetration slows to 5'-10' ft/hr in the cap rock. We are 60' from setting the 7" casing.
    - **DOGGR** (JM): are the ranging run intervals going to be 60' from this point on?
    - **SCG** (BL)/**Sperry** (AG): Not necessarily it could be 10'.
  - **CPUC** (RH): What is the distance to the target well? What is the projected distance after this ranging run?
-

- **Sperry** (AG): we are 4' from the target well. The plan is to be at 3' away in the next run.

**Porter Sesnon 20-A (Relief Well Site#2)**

- **SCG** (BL): Finished the final leveling yesterday. Today we are working on drainage. Parts of rig equipment will be mobilized to the well pad starting tomorrow.

**Other Topics**

- **SCG** (JC):
  - Today's Meetings:
    - Assembly Committee on Utilities and Commerce at Granada Hills Charter High School.
    - FERC Briefing.

**Date & Time:** 1/22/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Todd Van De Putte, Glenn La Fevers, Greg Healy, Jeff Salazar, Jeff Koskie, Jill Tracy, Nadia Aftab, Neil Navin, Lisa Alexander, Avidah Razavi, Andy De La Rosa, Hilary Petrizzo, Barry Kerns, Isaac Ibay.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Jeremy Johnstone, Kate Lawrence.

**Cal/OSHA:** Nimal Diungala, Robert Salgado.

**CPUC:** None.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

**LA County Fire Dept.:** Chief Greg Hisel.

---

#### **Standard Sesnon 25**

- SCG (BL): Monitoring continues.
  - Good conditions today, there may be an attempt to run a wireline temperature and pressure survey.
  - Depending on conditions, we will attempt to run a caliper to evaluate the tubing conditions.

#### **Porter 39-A (Relief Well Site)**

- SCG (TV): Performed RR#20 at 8340', drilled from 8340' to 8403' which is the 7" casing point. We will be doing RR#21 this morning, and install the 7" liner this weekend.
- DOGGR (AW): Will you be running an open hole log before setting the casing?
  - SCG (TV/BL): No, we have LWD data.

#### **Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): mobilizing the rig equipment to the relief well #2 pad.

#### **Other Topics**

- SCG (JC): Yesterday's Assembly Committee on Utilities and Commerce at Granada Hills Charter High School included: Assemblyman Mike Gatto, Congressman Brad Sherman, Congressman Steve Knight, California Secretary for Natural Resources-John Laird, DOGGR-Jason Marshall, CPUC-Elizaveta Malashenko, and others.
-



- 
- SCG (BL): We received an order from the executive director of PUC to continue withdrawal until 15bcf; per CARB numbers, we are to stop withdrawal at 20 bcf working inventory for customer reliability. SCG is working on a draft response to PUC. Aliso is at 21bcf this morning and will be at 20bcf tomorrow morning.
  - SCG (JC): We received a letter from LA County Fire Department to have a unified command center on site including county fire department and county health department, starting at noon today.

**Date & Time:** 1/23/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Jeff Salazar, Nadia Aftab, Avidah Razavi, Andy De La Rosa, Barry Kerns, Isaac Ibay.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Al Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coats:** John Hatteberg, Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** None.

**Cal/OSHA:** Nimal Diungala, Robert Salgado.

**CPUC:** None.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Chief Greg Hisel, Gerald Cosey, Tom Ewald, Kevin Kinney, Greg Hitchcock.

**LA Co. Public Health:** Jeffrey Gunzenhauser (Health Officer), Frank Alvarez (Area Health Officer), Robert Vasquez (Industrial Hygienist), Evenor Masis (Industrial Hygienist).

---

**Standard Sesnon 25**

- SCG (BL): Yesterday's activities: Ran caliber log from 6000' to 3000' in tubing. Tubing looks good in general with some wears.
  - Had a site visit by OSHA yesterday, they inspected one of the Wireline vendors – we were able to resume activities after some delay.
  - Today's activities: Attempt to run a temperature and pressure survey.
- PHMSA (CI): can you elaborate on the temperature and pressure survey yesterday?
  - SCG (BL): We ran a caliper log yesterday to evaluate tubing condition.
  - PHMSA (CI): Was the result what you expected?
  - SCG (BL): The result will help with modeling the dynamic kill.

**Porter 39-A (Relief Well Site)**

- SCG (BL): Ran 9-5/8" casing scraper. Did a cleanout run and will continue conditioning/cleaning the hole in preparation of running the 7" casing.
- DOGGR(PA): Will you be running the CBL?
  - SCG (BL): Yes, we will run a USIT and CBL.



---

***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Rig equipment mobilization continues.

***Other Topics***

- SCG (BL): SCG received an order from the PUC to stop withdrawal at 15 bcf. Considering the CARB estimates of 5bcf, the field should shut-in at 20 bcf for reliability reasons. SCG sent a response to the PUC.

**Date & Time:** 1/24/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Jeff Koskie, Glenn La Fevers, Nadia Aftab, Avideh Razavi, Andy De La Rosa, Darrell Johnson, Barry Kerns, Sonia Rodriguez, Aliso Canyon Trailer.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Al Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coats:** Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Nimal Diungala, Robert Salgado.

**CPUC:** None.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Tom Ewald, Kevin Kinney.

---

***Standard Sesnon 25***

- SCG (BL): Yesterday's activities: Completed the temperature and pressure survey. Started installation of the additional four (4) cable lines to further secure the wellhead. Once these additional 4 anchors are installed, total of eight (8) attachment points will be securing the wellhead in anticipation of the intercept and kill.
  - Today's activities are limited due to wind conditions. Monitoring continues, and we will attempt to install the remaining 2 anchors.
- PHMSA(CI): Can you elaborate on the temperature and pressure surveys?
  - SCG (BL): This data is collected for the dynamic kill modeling and calculations.

***Porter 39-A (Relief Well Site)***

- SCG (BL): Completed clean out run in preparation for the 7" liner. Ran the 7" liner and getting ready to start the cement job.

***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Rig equipment mobilization continues.

***Other Topics***

- SCG (BL): Per direction from the PUC, Aliso Canyon reached the tag inventory of 20 bcf around 4pm yesterday, and the withdrawal was shut-in. All wells are shut-in and will only go on withdrawal to maintain system reliability on an as needed basis.
- SCG (BL): 18 wells have been prioritized for inspection:
  - 2 have workover rigs.
  - 1 workover rig is on route.
  - The rest of 15 wells are now shut-in, and isolation for inspection will start.
- SCG (BL): SCAQMD will be visiting at 11 am to inspect a few wells surrounding SS25, but not SS25.
- LA Co.P (TE): Per the unified command post, all visitors should check in at the command center for tracking purposes and for better coordination of site visits.

**Date & Time:** 1/24/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Jeff Koskie, Glenn La Fevers, Nadia Aftab, Avideh Razavi, Andy De La Rosa, Darrell Johnson, Barry Kerns, Sonia Rodriguez, Greg Healy.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Al Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Wayne Courville, Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Nimal Diungala, Robert Salgado.

**CPUC:** None.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Tom Ewald, Kevin Kinney, Pablo Valadez, David Whitney.

**LA Co. Public Health:** Mike Rodgers, Terri Williams.

---

### ***Standard Sesnon 25***

- SCG (BL): Yesterday's activities: Completed the temperature and pressure survey. Started installation of the additional four (4) cable lines to further secure the wellhead. Once these additional 4 anchors are installed, total of eight (8) attachment points will be securing the wellhead in anticipation of the intercept and kill.
  - Today's activities are limited due to wind conditions. Monitoring continues, and we will attempt to install the remaining 2 anchors.
- PHMSA(CI): Can you elaborate on the temperature and pressure surveys?
  - SCG (BL): This data is collected for the dynamic kill modeling and calculations.

### ***Porter 39-A (Relief Well Site)***

- SCG (BL): Completed clean out run in preparation for the 7" liner. Ran the 7" liner and getting ready to start the cement job.

### ***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Rig equipment mobilization continues.
-

***Other Topics***

- SCG (BL): Per direction from the PUC, Aliso Canyon reached the tag inventory of 20 bcf around 4pm yesterday, and the withdrawal was shut-in. All wells are shut-in and will only go on withdrawal to maintain system reliability on an as needed basis.
- SCG (BL): 18 wells have been prioritized for inspection:
  - 2 have workover rigs.
  - 1 workover rig is on route.
  - The rest of 15 wells are now shut-in, and isolation for inspection will start.
- SCG (BL): SCAQMD will be visiting at 11 am to inspect a few wells surrounding SS25, but not SS25.
- LA Co.F (TE): Per the unified command post, all visitors should check in at the command center for tracking purposes and for better coordination of site visits.

**Date & Time:** 1/25/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Jimmy Cho, Todd Van De Putte, Jeff Salazar, Jeff Koskie, Jill Tracy, Greg Healy, Glenn La Fevers, Lisa Alexander, Nadia Aftab, Neil Navin, Avidah Razavi, Andy De La Rosa, Barry Kerns, Sonia Rodriguez, Scott Kysar.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Arash Haghshenas, John Hatteberg, Wayne Courville, , Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Jeremy Johnstone.

**Cal/OSHA:** Mary Ann Efron, Nimal Diungala.

**CPUC:** None.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford, Pete Slagel.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Tom Ewald, Kevin Kinney, Gerald Cosey.

**LA Co. Public Health:** Evenor Masis, Robert Vasquez.

---

**Standard Sesnon 25**

- SCG (BL): Yesterday's activities: Completed securing the remaining 2 cables to the wellhead. There are 8 anchor points to the wellhead. Performed piping installation in preparation for the interception and kill.
  - Today's activities: monitoring and site clean-up continues.
- SCG (BL): JPL may perform a flyover today.

**Porter 39-A (Relief Well Site)**

- SCG (TV): Picked up the 7" liner and set it from 3353' to 8401'. Cemented the liner in place and observed good returns on cement. Currently waiting on cement, performing house cleaning, and getting ready for the BOPE test.
- EPA (JJ): Can you explain further?
  - SCG (BL): We are currently in the intercept and kill phase, ~100' from exiting the cap rock, and will perform a few more ranging runs before exiting the cap rock. There is more work to be done in the next few days before drilling out the 7" liner shoe.



***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Rig equipment mobilization continues.

***Other Topics***

- LA Co. F (TE): Visitors must check in at the gate and escorted to the command post so objectives can be established for the visit. We plan to continue the same process today.

**Date & Time:** 1/26/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Jimmy Cho, Todd Van De Putte, Jeff Koskie, Jill Tracy, Glenn La Fevers, Nadia Aftab, Neil Navin, Avidah Razavi, Andy De La Rosa, Hilary Petrizzo, Barry Kerns, Sonia Rodriguez, Scott Kysar.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Arash Haghshenas, John Hatteberg, Wayne Courville, Rolando Gomez, Jim LaGrone.

**U.S. EPA:** Jeremy Johnstone, Kate Lawrence.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Tom Ewald, Gerald Cosey, Ray Mitchison

**LA Co. Public Health:** None.

---

#### **Standard Sesnon 25**

- SCG (BL): Yesterday's activities: Primarily monitored the well, and installed additional piping in anticipation of the intercept and kill of SS25.
  - Today's activities: monitoring continues, and we will start preparing for anticipated rain over the weekend.

#### **Porter 39-A (Relief Well Site)**

- SCG (TV): Reconfigured the BOPE, and completed the BOPE testing this morning. In process of reconfiguring, the mud pits before picking up the cleaning assembly.

#### **Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): Rig equipment mobilization continues, and larger equipment will be prepositioned.

#### **Other Topics**

- ARB flyover is scheduled at 11am today.
  - Senator Boxer's office site visit is scheduled at 3 pm today.
  - As a safety precaution, tighter securities will be implemented for both SS25 and P39A as we move forward in to the final stages of the interception and kill phase.
-

**Date & Time:** 1/27/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Todd Van De Putte, Jorge DaSilva, Jeff Salazar, Jeff Koskie, Greg Healy, Nadia Aftab, Avidah Razavi, Andy De La Rosa, Barry Kerns, Sonia Rodriguez.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Kris Gustafson, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Arash Haghshenas, John Hatteberg, Wayne Courville, Rolando Gomez, Jim LaGrone.

**ADD Energy:** Morten Haug Emilson

**U.S. EPA:** None.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford, Pete Slagel.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Tom Ewald, Gerald Cosey, Kevin Kinney.

**LA Co. Public Health:** Terri Williams.

---

**Standard Sesnon 25**

- **SCG (BL):** Monitoring continues.

**Porter 39-A (Relief Well Site)**

- **SCG (TV):** Completed the BOPE testing and mud pit modifications yesterday. Picked up the 3-1/2" drill pipe and getting ready to clean out the cement from the 7" liner.

**Porter Sesnon 20-A (Relief Well Site#2)**

- **SCG (BL):** Stage drilling rig equipment on the well site and continue the rig up process.

**Other Topics**

- As a safety precaution, tighter securities will be implemented for both SS25 and P39A as we move forward in to the final stages of the interception and kill phase.

**Date & Time:** 1/28/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Todd Van De Putte, Jorge DaSilva, Jeff Salazar, Jeff Koskie, Jill Tracy, Glenn La Fevers, Greg Healy, Neil Navin, Nadia Aftab, Avideh Razavi, Andy De La Rosa, Barry Kerns, Sonia Rodriguez, Scott Kysar.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Arash Haghshenas, John Hatteberg, Wayne Courville, Rolando Gomez, Jim LaGrone, Travis Martel, Bud Curtis.

**ADD Energy:** Morten Haug Emilson

**U.S. EPA:** Jeremy Johnstone, Kate Lawrence.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford, Pete Slagel, John Wright.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Greg Hisel, Tom Ewald, Gerald Cosey, Kevin Kinney.

---

**Standard Sesnon 25**

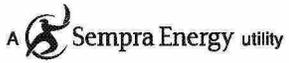
- SCG (BL): Yesterday's activities primarily included monitoring with continued winds.
  - Today's activities include monitoring, and preparation for rain.
  - In the next few days, the two coalescing trays will be removed in anticipation of interception and kill operations.

**Porter 39-A (Relief Well Site)**

- SCG (TV): Continued mud pit and delivery system modifications. Completed 7" cleanout run, drilled 10' into the formation and performed the FIT. Currently running a gyro, then USIT/CBL log will be collected. The survey results will be evaluated before drilling ahead.
- CPUC (RH): What's the offset from the target well? Sperry (AG): 4'.

**Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (BL): Rig mobilization and rig up process continues.



***Other Topics***

- As a safety precaution, tighter securities will be implemented for both SS25 and P39A as we move forward in to the final stages of the interception and kill phase. All visitors must check in at the Unified Command Post.

**Date & Time:** 1/29/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Todd Van De Putte, Jeff Koskie, Jill Tracy, Glenn La Fevers, Greg Healy, Nadia Aftab, Avidah Razavi, Hilary Petrizzo, Andy De La Rosa, Barry Kerns, Isaac Ibay, Scott Kysar.

**SDG&E:** David Barrett.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Arash Haghshenas, John Hatteberg, Richard Hatteberg, Wayne Courville, Rolando Gomez, Jim LaGrone, Mike Baggett.

**ADD Energy:** Morten Haug Emilson

**U.S. EPA:** Jeremy Johnstone, Kate Lawrence.

**Cal/OSHA:** Mary Ann Efron.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford, Pete Slagel, John Wright.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Greg Hisel, Tom Ewald, Gerald Cosey.

---

***Standard Sesnon 25***

- SCG (BL): Yesterday's activities: Monitoring continued and moved additional equipment on site in preparation of intercept and kill.
  - Today's activities: wind permitting we will attempt to remove the trays from the site.
    - Root cause analysis visitors from CPUC and DOGGR are on site.
    - In anticipation of heavy rain on Saturday night, all BMPs are on site including around the crater.

***Porter 39-A (Relief Well Site)***

- SCG (TV): Completed Gyro survey yesterday. The USIT/CBL survey will be completed in the next few hours and results will be evaluated for next steps.

***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Rig mobilization and rig up process continues.



---

***Other Topics***

- **LA Co.F (TE):** This morning the LA County Fire Dept. will have a briefing with Capstone to ensure every team is in alignment. This effort is to ensure of fire protection and rescue capability during the tray removal. LA County Fire Dept. will support with additional 26 resources and 6 fire apparatuses. Additionally, all contractors will be briefed on proper PPE and their roles for safety.

**Date & Time:** 1/30/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Glenn La Fevers, Nadia Aftab, Avidah Razavi, Hilary Petrizzo, Andy De La Rosa, Barry Kerns, Isaac Ibay, Scott Kysar.

**DOGGR Attendees:** Al Walker, Scott Walker, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coots:** Arash Haghshenas, John Hatteberg, Richard Hatteberg, Wayne Courville, Rolando Gomez, Jim LaGrone.

**ADD Energy:** Mortin Haug Emilson

**U.S. EPA:** Kate Lawrence, Dan Meer.

**Cal/OSHA:** Mary Ann Efron, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** None.

**Consultants:** Don Shackelford, Pete Slagel, John Wright.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Kevin Kinney, Tom Ewald, Gerald Cosey, Scott Hale.

---

#### **Standard Sesnon 25**

- **SCG (BL):** Yesterday's activities: Removed the two coalescing trays to the side.
  - Today's activities: In anticipation of rain, sandbag BMPs will be prepositioned.

#### **Porter 39-A (Relief Well Site)**

- **SCG (ADR):** Completed USIT/CBL survey, drilled from 8413' to 8450', currently performing a gyro survey, after the Gyro, the ranging run will take place.
- **SCG (BL):** Conducted the drill, witnessed by DOGGR and the fire department unified command.
- **DOGGR (PA):** Are you going to be daylight drilling?
  - **SCG (BL):** once we get through the cap rock, the drilling will be conducted during daylight for safety reasons. We are still operating 24 hours for now.

#### **Porter Sesnon 20-A (Relief Well Site#2)**

- **SCG (BL):** Rig mobilization and rig up process continues.

#### **Other Topics**

- **SCG (BL):** Due to anticipated cold weather, the field may have to go on withdrawal. The newer wells will be priority for withdrawal.
-

**Date & Time:** 1/31/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Jimmy Cho, Rodger Schwecke, Glenn La Fevers, Nadia Aftab, Todd Van De Putte, Andy De La Rosa, Barry Kerns, Isaac Ibay, Scott Kysar, Jill Tracy, Greg Healy.

**DOGGR Attendees:** Al Walker, Scott McGurk, Pat Abel.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coats:** Arash Haghshenas, John Hatteberg, Richard Hatteberg, Wayne Courville, Rolando Gomez, Jim LaGrone.

**ADD Energy:** Mortin Haug Emilson

**U.S. EPA:** Kate Lawrence, Dan Meer.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Consultants:** Don Shackelford, Pete Slagel, John Wright.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Kevin Kinney, Tom Ewald, Gerald Cosey, Scott Hale.

---

**Standard Sesnon 25**

- **SCG (BL):** Yesterday's activities: We positioned sandbags in anticipation of rain.
  - Today's activities: Monitor wellsite. Visibility is poor today.

**Porter 39-A (Relief Well Site)**

- **SCG (TV):** Once we drilled to 8450', we completed our gyro survey and ranging run. We continued and drilled from 8450' to 8500'. We will perform a gyro survey and ranging run #23 today.

**Porter Sesnon 20-A (Relief Well Site#2)**

- **SCG (BL):** We continue to mobilization the rig and getting ready to stand the derrick.

**Date & Time:** 2/2/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmy Cho, Jill Tracy, Glenn La Fevers, Greg Healy, Nadia Aftab, Neil Navin, Avidah Razavi, Barry Kerns, Sonia Rodriguez.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Scott McGurk, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** Alan Gosse.

**Boots & Coats:** Arash Haghshenas, Rolando Gomez, Jim LaGrone.

**ADD Energy:** None.

**U.S. EPA:** Kate Lawrence.

**Cal/OSHA:** Robert Salgado.

**CPUC:** Randy Holter.

**PHMSA:** Cynthia Ishikawa, Terry Larson.

**Consultants:** None.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Greg Hisel, Kevin Kinney, Tom Ewald, Gerald Cosey, Scott Hale.

**LA Co. Health Dept.:** Robert Vasquez.

---

#### **Standard Sesnon 25**

- SCG (JC): Monitoring continues. There may be a tracer study today.
  - ARB flyover is scheduled for today.

#### **Porter 39-A (Relief Well Site)**

- SCG (JC): Drilled to 8530' without any losses and completed Gyro survey. This morning, rigging up to perform RR#24 and Gama Resistivity log. Results will be evaluated and drilling may resume tomorrow morning.

#### **Porter Sesnon 20-A (Relief Well Site#2)**

- SCG (JC): Rig mobilization and rig up process continues - on schedule, spud date 2/8.

#### **Other Topics**

- SCG (JC): Cal/OSHA site visit is scheduled for today.
  - SCG (JC): Root cause analysis team is working with CPUC and DOGGR, they have been on site since Friday.
    - There may be potential delays to RW drilling due to a request from the root cause analysis team to install a gas chromatograph.
-

**Date & Time:** 2/4/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Jimmy Cho, Glenn La Fevers, Greg Healy, David Barrett, Nadia Aftab, Neil Navin, Avidah Razavi, Barry Kerns, Sonia Rodriguez.

**DOGGR Attendees:** Jason Marshall, Al Walker, Scott Walker, Pat Abel, Richard Boyd.

**Sperry (WellSpot):** None.

**Boots & Coots:** Arash Haghshenas.

**ADD Energy:** Morten Haug Emilson.

**U.S. EPA:** Lance Richman.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Cynthia Ishikawa.

**Consultants:** Pete Slagel, John Wright, Don Shackelford.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Gerald Cosey.

---

#### ***Standard Sesnon 25***

- SCG (JC): Yesterday's activities: monitored the site, and gas samples were collected at nearby well sites.
  - Today's activities: Mainly monitoring, gusty conditions up to 75 mph will continue through the night and tomorrow. Fire department is on site and prepared for the gusty conditions.
- PHMSA (CI): Are the coalescing trays on the crater?
  - SCG (JC): No, they have been removed.

#### ***Porter 39-A (Relief Well Site)***

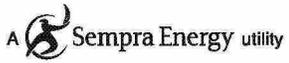
- SCG (JC): Drilled from 8530' to 8560' without any losses and completed Gyro survey. This morning, rigging up to perform RR. Results will be evaluated and drilling may resume tomorrow morning.

#### ***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (JC): Rig mobilization and rig up process continues. Due to wind conditions, crane activities are on stand down.

#### ***Other Topics***

- CALOES (DS): CARB flyover is scheduled for this afternoon.



- 
- DOGGR (PA): Investigation team from DOGGR will be arriving on site today.
  - OSHA (ME): How did the gas collection activities carry out?
    - CPUC (RH): By pressurized cylinders, the samples are takes to an onsite GC for immediate testing. SCG is also collecting their own samples.

**Date & Time:** 2/5/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Glenn La Fevers, Nadia Aftab, Jeff Koskie, Jeff Salazar, Avidah Razavi, Barry Kerns, Sonia Rodriguez.

**DOGGR Attendees:** Al Walker, Pat Abel, Richard Boyd.

**U.S. EPA:** Lance Richman.

**Cal/OSHA:** Mary Ann Efron, Robert Salgado, Nimal Diungala.

**CPUC:** None.

**PHMSA:** Cynthia Ishikawa, Terry Larson.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Greg Hisel, Kevin Kinney, Mike Inman.

**LA Co. Dept. of Health:** Angelo J. Bellomo.

---

***Standard Sesnon 25***

- **SCG (GL):** Monitoring continues. Strong winds continue through today.

***Porter 39-A (Relief Well Site #1)***

- **SCG (GL):** Completed RR#25 at 8560'. Drilling activities are on hold this morning pending SCG discussion with regulating agencies to address plans moving forward.

***Porter Sesnon 20-A (Relief Well Site#2)***

- **SCG (GL):** Rig mobilization and rig up process continues.

**Date & Time:** 2/6/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Jimmy Cho, Jeff Salazar, Glenn La Fevers, Nadia Aftab, Avidah Razavi, Barry Kerns, Isaac Ibay.

**DOGGR Attendees:** Al Walker, Pat Abel, Scott McGurk.

**U.S. EPA:** Lance Richman.

**Cal/OSHA:** Robert Salgado, Nimal Diungala.

**CPUC:** Randy Holter.

**PHMSA:** Terry Larson.

**Cal OES:** Dave Stone.

**LA Co. Fire Dept.:** Gerald Cosey, Kevin Kinney.

---

***Standard Sesnon 25***

- **SCG (BL):** Monitoring continues. Strong winds continue through the weekend.

***Porter 39-A (Relief Well Site #1)***

- **SCG (BL):** Drilled 25' to 8585'. Completed Gyro survey this morning, and will be performing the next ranging run.

***Porter Sesnon 20-A (Relief Well Site#2)***

- **SCG (BL):** Rig up process continues. Welding activities on the site are suspended due to strong winds. Schedule has been delayed accordingly and the revised schedule will be sent out on Monday.

**Date & Time:** 2/8/2016 at 7:30 AM

**Subject:** SS-25 Incident/Porter 39A Relief Well - DOGGR Daily Conference Call Meeting Minutes.

**SCG Attendees:** Bret Lane, Rodger Schwecke, Jimmy Cho, Jeff Koskie, Jill Tracy, Jamal Jarallah, Neil Navin, Nadia Aftab, Avideh Razavi, Barry Kerns, Sonia Rodriguez, Scott Kysar.

**DOGGR Attendees:** Jason Marshall, Al Walker, Pat Abel, Scott McGurk, Scott Walker, Jeanette McCracken, Richard Boyd.

**U.S. EPA:** Lance Richman, Jeremy Johnstone.

**Cal/OSHA:** Mary Ann Efron, Nimal Diungala.

**CPUC:** None.

**PHMSA:** Terry Larson.

**Cal OES:** Dave Stone.

**LA Co. Health Dept.:** Robert Vasquez, Evenor Masis.

**LA Co. Fire Dept.:** Greg Hisel, Jay Lopez, Gerald Cosey, Greg Hitchcock, Ray Mitchison.

---

***Standard Sesnon 25***

- SCG (BL): Monitoring continues. Strong winds continue through today.

***Porter 39-A (Relief Well Site #1)***

- SCG (BL): Drilled 15' to 8600'. Completed Gyro survey. Rigging up this morning to perform the next ranging run. Once results are evaluated, drilling for the next interval will resume tomorrow morning.
  - Currently RW-1 is ~20' from the anticipated touchpoint.
  - As of next drilling interval, a gyro survey may not be needed. There is a possibility that we can drill every day and possibly mill on Thursday depending on daily evaluations.
  - RW-1 is in the intercept and kill phase, currently there are no changes in the schedule. Schedule changes are dependent on daily evaluations.

***Porter Sesnon 20-A (Relief Well Site#2)***

- SCG (BL): Fire permit cannot be issued due to strong winds and welding activities are suspended.