

From: [Goetze, Phillip, EMNRD](#)
To: [David White](#)
Cc: [Alberto A. Gutierrez](#); gfisher@popmidstream.com; [Powell, Brandon, EMNRD](#); [Gebremichael, Million, EMNRD](#); [Lamkin, Baylen L.](#)
Subject: RE: [EXTERNAL] Salt Creek AGI #1 Logging Issues
Date: Friday, November 4, 2022 2:45:00 PM
Attachments: [image001.png](#)

RE: Salt Creek AGI No. 1; API 30-025-46746; Order R-20913-C

David:

Per our conversation today, I am providing the written approved detailed in Commission Order No. R-20913-C, Ordering Paragraph (6)(c).

c. The upper perforation within the approved injection interval shall be at least 500 feet below the base of the Capitan Reef aquifer or the stratigraphic equivalent. Salt Creek shall propose to OCD and SLO the depth for the upper perforation based on its evaluation of the geophysical logs obtained during the drilling of the well. The Parties shall meet and confer regarding the depth for the upper perforation, and Salt Creek shall not initiate the upper perforation until OCD approves in writing.

Having consulted OCD staff and SLO representatives, both parties concur with Geolex's interpretation for depth of 5088 ft. selected as the base of the Capitan Reef (or equivalent lithology). Both parties also agree to the proposed top perforation being no shallower than approximately 5580 ft. Also, please provide us with your assessment and the results of the consultation with Haliburton about the relocation of the subsurface safety valve (SSSV) to a proposed shallower depth of approximately 100 ft BGL. Though Ordering Paragraph (15) of the Commission order stipulates a depth of 250 ft for SSSV, if the relocation is more favorable (technically for operation and for safety), OCD staff will have to obtain concurrence of the Director as the representative of the Commission. Please contact me at your convenience regarding any content of this e-mail, and as stated in the conversation, I will post this e-mail in the case file and the well file. Thanks. PRG

From: David White <DWhite@geolex.com>
Sent: Thursday, November 3, 2022 11:50 AM
To: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>; Powell, Brandon, EMNRD <Brandon.Powell@emnrd.nm.gov>
Cc: Alberto A. Gutierrez <AAG@geolex.com>; gfisher@popmidstream.com
Subject: RE: [EXTERNAL] Salt Creek AGI #1 Logging Issues
Importance: High

Good day all,

Following up on our discussion last week, we were able to successfully log the Salt Creek AGI #1 well utilizing the Schlumberger Thru-Bit Logging tools and are planning to move forward with casing and cementing operations for the production interval.

As the NMOCC Order authorizing this well requires the top perforation to be at least 500' below the

Capitan/Capitan-equivalent facies and concurrence from NMOCB regarding the depth of that first perforation, we are providing you a copy of the recently acquired log for your review (see attached).

From our review, we identify the base of the Capitan/Capitan-equivalent section at a depth in of 5078'. We propose the top perforation be made at the porous sand interval at a depth of approximately 5580'. The permanent injection packer would be set approximately 40' above that proposed perforation point.

Please let us know if you agree with this proposed uppermost perforation point or feel free to reach out if you have any questions. Our current drilling/completion operations planning estimates that we will be ready to begin perforation on Saturday (November 5).

Regards,

David A. White, P.G.
Geolex, Incorporated®
500 Marquette Avenue, NW Suite 1350
Albuquerque, NM 87102
(505)842-8000 Office
(859)967-7231 Cell

PRIVILEGED & CONFIDENTIAL

This message and attachment(s) contain confidential information belonging to the sender which is intended for the sole use of the individual(s) or entity named above. If you receive this message in error, you are hereby notified that any disclosure, copying, distribution, resending, forwarding or taking of any action in reliance on the contents of this email and/or any attachment(s) is strictly prohibited. If you have received this message in error, please notify the sender via return email and permanently delete this message and any attachment(s) from any computer(s).

From: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>
Sent: Friday, October 28, 2022 2:51 PM
To: David White <DWhite@geolex.com>
Subject: RE: [EXTERNAL] Salt Creek AGI #1 Logging Issues

Setting up a Teams for three. Does Gary wish to attend? PRG

From: David White <DWhite@geolex.com>
Sent: Friday, October 28, 2022 2:48 PM
To: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>
Cc: Kautz, Paul, EMNRD <paul.kautz@emnrd.nm.gov>; gfisher@popmidstream.com
Subject: RE: [EXTERNAL] Salt Creek AGI #1 Logging Issues

Good afternoon Phil,

The primary issue is that we've been unable to advance wireline logging tools below the upper portions of the salt section. We presume that we are getting hung on ledges within that section. We have made multiple attempts to condition the hole and have been able to get drill pipe to bottom, but subsequent wireline attempts continue to hang in that section.

With that in mind, we have made contingency arrangements to log the production casing interval on tools hung from drill pipe (SLB logging tools), but wanted to run by any changes in the logging plan with you and the UIC group, because foregoing logs, or logging on drill pipe would mean we would not have an opportunity to collect sidewall core.

Feel free to give me a call if you wish to discuss, or let us know your thoughts on the best next steps.

Regards,

David A. White, P.G.
Geolex, Incorporated
500 Marquette Avenue NW, Suite 1350
Albuquerque, NM 87102
(505) 842-8000 Office
(859) 967-7231 Cell

PRIVILEGED & CONFIDENTIAL

This message and attachment(s) contain confidential information belonging to the sender which is intended for the sole use of the individual(s) or entity named above. If you receive this message in error, you are hereby notified that any disclosure, copying, distribution, resending, forwarding or taking of any action in reliance on the contents of this email and/or any attachment(s) is strictly prohibited. If you have received this message in error, please notify the sender via return email and permanently delete this message and any attachment(s) from any computer(s).

From: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>
Sent: Friday, October 28, 2022 1:55 PM
To: David White <DWhite@geolex.com>
Cc: Kautz, Paul, EMNRD <paul.kautz@emnrd.nm.gov>; gfisher@popmidstream.com
Subject: RE: [EXTERNAL] Salt Creek AGI #1 Logging Issues

What problems? PRG

From: David White <DWhite@geolex.com>
Sent: Friday, October 28, 2022 11:31 AM
To: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>

Cc: Kautz, Paul, EMNRD <paul.kautz@emnrd.nm.gov>; gfisher@popmidstream.com

Subject: [EXTERNAL] Salt Creek AGI #1 Logging Issues

Importance: High

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good day Phil and Paul,

I hope all is well for you both. I'm reaching out on behalf of Salt Creek Midstream regarding the drilling and completion of Salt Creek AGI #1. As you're likely aware, operations to drill and complete the well are on-going and TD for the well has been reached. The current operations include geophysical logging of the open-hole section of the production casing interval, and I'm reaching out as we have been experiencing significant challenge getting logging tools down hole. As I understand it, we are continually standing up the tool on ledges in the salt section, and continue to have this issue after multiple attempts to condition the borehole.

We are preparing to make another attempt at logging, but are naturally contemplating other methods to collect logs (e.g., slim tools, slim tools on drill pipe, etc.), as the collection of logs is very important for this well. Would you have time today to discuss this matter and we can discuss a potential path forward and contingency plan?

Thanks in advance and feel free to contact me anytime.

Regards,

David A. White, P.G.
Geolex, Incorporated
500 Marquette Avenue, NW Suite 1350
Albuquerque, NM 87102
(505)842-8000 Office
(859)967-7231 Cell

PRIVILEGED & CONFIDENTIAL

This message and attachment(s) contain confidential information belonging to the sender which is intended for the sole use of the individual(s) or entity named above. If you receive this message in error, you are hereby notified that any disclosure, copying, distribution, resending, forwarding or taking of any action in reliance on the contents of this email and/or any attachment(s) is strictly prohibited. If you have received this message in error, please notify the sender via return email and permanently delete this message and any attachment(s) from any computer(s).