

**Olson, Dane**

---

**From:** Diana Burn - DNR <diana.burn@state.co.us>  
**Sent:** Friday, July 12, 2024 9:17 AM  
**To:** Oursland, Andy  
**Cc:** Newville, Toni; Hirtler, Christina; Olson, Dane; Honas, Kris; Crowder, David; McFarland - DNR, Nick; Lynnette Goshorn - DNR; Garrison - DNR, Penny  
**Subject:** [EXTERNAL] RE: Occidental Petroleum - Unplanned Sidetrack: Camenisch 33-4HZ

**WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.**

---

Please proceed as proposed, please send Doc # to Lynette as it is submitted - thank you.

Diana

---

**From:** Oursland, Andy <[Andrew\\_Oursland@oxy.com](mailto:Andrew_Oursland@oxy.com)>  
**Sent:** Friday, July 12, 2024 9:06 AM  
**To:** Diana Burn - DNR <[diana.burn@state.co.us](mailto:diana.burn@state.co.us)>  
**Cc:** Newville, Toni <[Toni\\_Newville@oxy.com](mailto:Toni_Newville@oxy.com)>; Hirtler, Christina <[Christina\\_Hirtler@oxy.com](mailto:Christina_Hirtler@oxy.com)>; Olson, Dane <[Dane\\_Olson@oxy.com](mailto:Dane_Olson@oxy.com)>; Honas, Kris <[Kristopher\\_Honas@oxy.com](mailto:Kristopher_Honas@oxy.com)>; Crowder, David <[David\\_Crowder@oxy.com](mailto:David_Crowder@oxy.com)>  
**Subject:** Occidental Petroleum - Unplanned Sidetrack: Camenisch 33-4HZ

Diana,

I've included information below for our proposed sidetrack, attached the wellbore diagram, and included our sidetrack wellplan. Thank you for your help. Please reach out if there's anything else you need from my side of things.

-----  
-----  
-----

**Well name and API #:**

CAMENISCH 33-4HZ

05-123-51906

**Explanation of the situation that has resulted in the need to sidetrack**

While displacing cement from production casing, circulation was lost due to suspected annular rubber packing off around casing. This led to a portion of the lateral and the entirety of the curve and vertical sections to lack competent cement. To remediate this situation, production casing has been cut at 7,077' MD and recovered from the cut point to surface. **A new wellbore is planned to be kicked off from the original wellbore at 6444' with the new lateral positioned 150' south of the original lateral. Oxy is requesting approval for this proposed sidetrack wellbore.**

**Total measured depth reached in the wellbore being plugged back**

19,712' MD

**Casing set – size(s) and measured depth(s)**

8.625" surface casing set at 1886' MD

5.5" production casing set at 19684' with cut top at 7,077' MD

**Description of fish in the hole (if any) – including top and bottom measured depths**

Partially cemented 5.5" original hole casing string – 19686' MD to 7,077' MD

**Description of proposed plugs: setting measured depths, heights, and cement volumes**

727' 17.0ppg kickoff plug

Bottom: 6730' MD

Top: 6103' MD

Volume: 42.2bbbls

**Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)**

Class G 17.0 ppg cement / 0.99 cf/sk

**Measured depth of proposed sidetrack kick-off point**

6444' MD

**Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned**

Same as original, permitted wellbore – Niobrara A

**BHL target for sidetrack hole – new or same as the wellbore being abandoned**

Sidetrack lateral will be drilled 150' south of original hole

Sidetrack BHL is 150' south of original BHL

Thanks,

**Andy Oursland**

**Occidental Petroleum**  
Rockies Drilling Engineer  
(720) 335-8106