

Light, Cheryl

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Monday, July 15, 2019 12:19 PM
To: Fryar, Bill; Smith, Ryan; Crowder, David; Light, Cheryl; Piekara, John; Newville, Toni; Penny Garrison - DNR; Missti Mason - DNR; Eric Jacobson - DNR
Subject: RE: Carson 1-13HZ Sidetrack Approval

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Please proceed as proposed and send the Doc# for the uploaded APD to Missti Mason.

Thanks,
Diana

From: Fryar, Bill [mailto:Bill.Fryar@anadarko.com]
Sent: Monday, July 15, 2019 11:02 AM
To: 'diana.burn@state.co.us'; Smith, Ryan; Crowder, David; Light, Cheryl; Piekara, John; Newville, Toni; penny.garrison@state.co.us
Subject: Carson 1-13HZ Sidetrack Approval

Good morning, Diana -

As discussed over the phone, the plan will be to plug back and sidetrack the Carson 1-13HZ wellbore.

Per your approval, we will proceed forward with the proposed plug back and sidetrack.

Well name and API

- Carson 1-13HZ
- 05-123-48124

Explanation of situation and why we need to sidetrack

- Formation: Nio B
- Lateral Category: Two section lateral
- After tripping out of hole to change drilling assembly, it was realized that the mud motor had backed off at the connection between the fixed bend housing and stator housing. There was 6.1' of motor and bit left downhole. It was determined that a cement plug back and sidetrack was the best path forward. The intended plan is to set a balanced cement plug from 4,000' to 5,000' track then sidetrack off the cement plug. After sidetracking, the production hole will be drilled in the same target formation and to the same bottom hole location (as the permitted directional plan).

Total Measured Depth Reached

- 5,043' MD
- 4,854' TVD

Casing Sizes set and MD

- 16" conductor casing set at 88 ft.
- 9.625" surface casing set at 1,923 MD

Type of cement

- 17 ppg kick off plug will extend from 4,000' to 5,000' MD

Measured Depth and TVD of open hole sidetrack point

- 4,000 ft. MD
- 3,818 ft. TVD

Proposed target formation of sidetrack hole if different than permitted

- Same well plan as permit

BHL of sidetrack hole

- Same well plan as permit

Wellbore diagram

- See attached

Please contact me if you have any questions about our intended plans.

Thank you,

Bill Fryar

Drilling Engineer – Rockies Well Construction

Office: 720-929-3733 | Cell: 225-505-0259

bill.fryar@anadarko.com