

Jennifer Lind

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Monday, July 30, 2018 8:28 AM
To: Jennifer Lind
Cc: Eric Jacobson - DNR; Penny Garrison - DNR
Subject: [SPAM]RE: Nickel Road Operating - Noble 5X-HNB-05-03-68 (05-123-46424) Sidetrack

Please proceed as proposed.

Thanks,
Diana

From: Jennifer Lind [mailto:jennifer.lind@nickelroadoperating.com]
Sent: Monday, July 30, 2018 7:08 AM
To: Diana Burn - DNR
Subject: RE: Nickel Road Operating - Noble 5X-HNB-05-03-68 (05-123-46424) Sidetrack

Diana, please find the information and attachments included herein per the Unplanned Sidetrack guidance document. Nickel Road respectfully requests your review and verbal approval to move forward with the planned operations as soon as possible for the Noble 5X-HNB-05-03-68 (API 05-123-46424-00).

NICKEL ROAD OPERATING LLC - #10669

NOBLE ST 5X-HNB-05-03-68
05-123-43424-01
NWSW-SEC.5-T3N-R68W

Unplanned Sidetrack Information

- i. Explanation of the situation that has resulted in the need to sidetrack
Mud motor parted. Fishing attempt unsuccessful.
- ii. Total measured depth reached in the wellbore being plugged back
11,659' MD
- iii. Casing set – size(s) and measured depth(s)
9-5/8" 36# @ 1545' MD
- iv. Description of fish in the hole (if any) – including top and bottom measured depths
Mud motor and bit. Top: 7,123' MD; Bottom: 7,147' MD
- v. Description of proposed plugs: setting measured depths, heights, and cement volumes
Plug cement from 6,800 MD to 6,000' MD, 800', 366 sx / 64.6 bbls
- vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)

Class G, 17.0 ppg, 0.99 yld.

- vii. Measured depth of proposed sidetrack kick-off point
6,350' MD
- viii. Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned
Same as abandoned (Niobrara B)
- ix. BHL target for sidetrack hole – new or same as the wellbore being abandoned.
1913' FSL / 460' FEL

Thank you,
Jennifer

303-406-1117
jennifer.lind@nickelroadoperating.com

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Monday, July 30, 2018 7:01 AM
To: Jennifer Lind <jennifer.lind@nickelroadoperating.com>
Subject: RE: Nickel Road Operating - Noble 5X-HNB-05-03-68 (05-123-46424) Sidetrack

Hi there – please put the details that are in the Word document and use them as the body of the email – the email is a required attachment for the permit – so it should have the information outlined in the sidetrack guidance.

Thanks,
Diana

From: Jennifer Lind [mailto:jennifer.lind@nickelroadoperating.com]
Sent: Sunday, July 29, 2018 3:40 PM
To: diana.burn@state.co.us
Cc: Andrew Haney; Dana Johnson; Kit Tincher; Dan Brugeman; Josh Falls; Ed Pilcher; stuart.ellsworth@state.co.us
Subject: Nickel Road Operating - Noble 5X-HNB-05-03-68 (05-123-46424) Sidetrack
Importance: High

Good afternoon Diana,

After an unsuccessful fishing attempt over the course of the morning, Nickel Road has elected to move ahead with an unplanned sidetrack of the Noble 5X-HNB-05-03-68 (API 05-123-46424-00).

Please find the information and attachments included herein per the Unplanned Sidetrack guidance document. Nickel Road respectfully requests your review and verbal approval to move forward with the planned operations as soon as possible.

For any technical questions regarding the information included herein, please contact myself or Josh Falls, Drilling Engineer for NRO:

Cell: 720-484-1146

Email: josh.falls@iptenergyservices.com

Thank you,

Jennifer

Jennifer Lind

Regulatory & Environmental Manager

Nickel Road Operating LLC

303-406-1117

jennifer.lind@nickelroadoperating.com