

Logan Siple

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Tuesday, October 22, 2019 1:03 PM
To: Logan Siple; Lindsey Organ; Penny Garrison - DNR; Stephen Wolfe - DNR
Cc: Jerry Thorstad; John Schmidt
Subject: [EXT]RE: Crestone Peak Resources Operating LLC - Dream Weaver North 3B-21H-N268 (API 05-123-48299 0000) Sidetrack Operations Request

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Please proceed as proposed. Once the APD is in UPLOAD - please send the Doc. # to Penny Garrison.

Thanks,
Diana

From: Logan Siple [mailto:logan.siple@crestonepr.com]
Sent: Tuesday, October 22, 2019 12:54 PM
To: diana.burn@state.co.us; Lindsey Organ
Cc: Jerry Thorstad; John Schmidt
Subject: Crestone Peak Resources Operating LLC - Dream Weaver North 3B-21H-N268 (API 05-123-48299 0000) Sidetrack Operations Request

Diana,

Crestone Peak Resources is requesting to perform sidetrack operations on the Dream Weaver North 3B-21H-N268, currently being drilled by Ensign Rig 142.

Dream Weaver North 3B-21H-B268
S21-T2N-R68W, Weld County, CO
API: 05-123-48299 0000
COGCC: 401 614 923

Per COGCC Guidance Document:

- i. Explanation of the situation that has resulted in the need to sidetrack
After reaching permitted TD, we became differentially stuck across the Shannon Formation while tripping out of the hole to run casing. We have attempted fishing operations for 5 days without success (since 10/17/2019 at 19:30).
- ii. Total measured depth reached in the wellbore being plugged back
The original wellbore depth is 19,922 ftMD.
- iii. Casing set – size(s) and measured depth(s)
We have 9 5/8" 40 lb/ft J-55 casing set at 2280 ftMD.
- iv. Description of fish in the hole (if any) – including top and bottom measured depths
Total Fish Length: ~125 ft
Fish Top: 4923 ftMD
Fish Bottom: 5048 ftMD

Fish Description: *No Radioactive material present.

8 ½" PDC Bit

8 3/8" RSS Tool

6 ¾" Monel Drill Collars

6 ¾" Gamma Tool

6 ½" Gap Sub

7" Mud Motor

6 ¾" Filter Sub

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

We are proposing to set a cement plug from 4550 ft to 5050 ft, total height of 500 ft. Proposed Volume of Cement is 35 bbls.

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

Proposed cement plug is 17 ppg Class G Cement 1.46 ft³/sk.

vii. Measured depth of proposed sidetrack kick-off point

Proposed Sidetrack kick-off point is 4550 ft.

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

Objective formation for the sidetrack hole is the same as the wellbore being abandoned. We are attempting to re-enter the original wellbore below the fish.

ix. BHL target for sidetrack hole – new or same as the wellbore being abandoned (NOTE: a change in the BHL must be reviewed and approved by COGCC Permitting prior to completing the sidetrack. Drilling a sidetrack to an unapproved BHL could result in an NOAV, plugging the well, or both).

BHL target for the sidetrack hole is the same as the wellbore being abandoned. We are attempting to re-enter the original wellbore below the fish.

Logan Siple
Drilling Engineer Technician
Work: 303-579-2174

