From: Andy Van Wyk
To: Diana Burn - DNR
Cc: Regulatory; Field-05; Joel Dill; Adam Conry; Penny Garrison - DNR; Steve Jenkins - DNR
Subject: Re: [EXTERNAL] RE: Sidetrack Latham P-T-14HNC API# 05-123-49902 - REVISED
Date: Monday, August 19, 2019 11:21:25 AM
Attachments: image001.png

Thank you!

On Aug 19, 2019, at 11:17 AM, Diana Burn - DNR <diana.burn@state.co.us> wrote:

External Sender: Use caution with links/attachments

The changes are appropriate – please proceed as proposed and send the iploaded Doc. # to Penny Garrison once it is uploaded.

Thanks,
Diana

From: Andy Van Wyk [mailto:AVanWyk@bonanzacrk.com]
Sent: Monday, August 19, 2019 11:01 AM
To: diana.burn@state.co.us
Cc: Regulatory; Field-05; Joel Dill; Adam Conry
Subject: Sidetrack Latham P-T-14HNC API# 05-123-49902 - REVISED

Hi Diana,

Please see below for a few revisions to our sidetrack plan for our Latham P-T-14HNC well (API# 05-123-49902). The reason for these changes are due to an increase in the length of the fish we had to leave in the hole.

We are hoping to start our cement plug back procedure this afternoon. If you could please provide your approval to this revised plan I would greatly appreciate it.

i. **Explanation of the situation that has resulted in the need to sidetrack:** While drilling vertical section, drilling rig lost power and the drill pipe became stuck. After failing to work the drill string free the drill pipe was cut above the drilling BHA. The attempts to retrieve the fish have been unsuccessful.

ii. Total measured depth reached in the wellbore being plugged back: 4,509' MD

iii. Casing set – size(s) and measured depth(s): 9-5/8" surface casing set at 1,616' MD. No other casing set.

iv. Description of fish in the hole (if any) – including top and bottom measured depths: Fish is approximately 364' long and consists of

the drill bit, directional drilling tools and motor, a jarring assembly, and 180' of drill pipe. The top is at 4,135' MD and the bottom is at 4,499' MD.

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

a. 500' cement plug, set from 4,130' MD – 3,630' MD
b. 40.6 BBLs Class G cement, 17.0 ppg slurry, 0.9912 cu ft/sk yield,
c. 30 BBLs of 11.0 ppg Spacer

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

a. 40.6 BBLs Class G cement
b. 17.0 ppg slurry
c. 0.9912 cu ft/sk,
d. 30 BBLs of 11.0 ppg Spacer

vii. Measured depth of proposed sidetrack kick-off point: 3,874' MD

viii. Proposed objective formation(s) for sidetrack hole: Same target formation, Niobrara C.

ix. BHL target for sidetrack hole: Same BHL target as original wellbore.

Please let me know if you have any questions,

Thank you,

Andy

Andy Van Wyk
Sr. Operations Engineer
Bonanza Creek Energy, Inc. | 410 17th St. Ste 1400 | Denver Co. 80202
Office: 720.440.6105 | Cell: 720.951.2800| avanwyk@bonanzacrk.com

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