

Joan Proulx

From: Burger - DNR, Craig <craig.burger@state.co.us>
Sent: Wednesday, August 08, 2018 3:45 PM
To: Aaron Duncan; Sarah Freeman - DNR; Shaun Kellerby - DNR; Penny Garrison - DNR; Curtis Conklin - DNR
Cc: Joan Proulx; Wayne Bankert; Randy Cates; Well Site Supervisor
Subject: Re: CC 0697-03-17E - API: 05-045-23797-00 - Sidetrack Approval Request
Attachments: Statewide UNPLANNED Sidetrack Approval Reporting_4_24_2018.pdf

Aaron,

As discussed, please proceed with the sidetrack.

Verbal approval to proceed is contingent upon the assumption that the BHL and wellbore path remain at a legal location for completion (COGCC permitting staff will evaluate prior to formal approval of the forthcoming Application for Permit to Drill a Sidetrack Wellbore, Form 2). If the BHL or the productive portion of the sidetrack wellbore extends into locations that are not legal, then Laramie may have to plug back portion(s) of the well that are not legal or obtain waivers from offset mineral interests.

Sidetrack guidance attached.

On Wed, Aug 8, 2018 at 1:49 PM, Aaron Duncan <Aduncan@laramie-energy.com> wrote:

Craig

Please see attached:

- Current wellbore diagram
- Proposed plugging diagram
- Plugging and Sidetrack procedure
- 5T01 D#1 – Sidetrack directional plan

May we have approval to plug back and sidetrack?

Plugging operations are scheduled for 1800hrs on 8/8/18.

Thank you so much and please call with any questions or concerns. Joan will be submitted all necessary state Forms promptly.

Thank you,

Aaron Duncan | Drilling Manager



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aduncan@laramie-energy.com
Direct: 303.339.4913

Cell: 406.498.4526

From: Aaron Duncan
Sent: Wednesday, August 8, 2018 9:02 AM
To: 'Burger - DNR, Craig' <craig.burger@state.co.us>
Cc: Joan Proulx <jproulx@Laramie-Energy.com>; Wayne Bankert <wbankert@Laramie-Energy.com>
Subject: CC 0697-03-17E - API: 05-045-23797-00 - Sidetrack Approval Request

Craig

I am requesting approval to plug back and sidetrack around a collapsed wellbore. Details of the events are below.

Well: CC 0697-03-17E

Field: Cascade Creek

Surface Casing: 9-5/8" 36# J-55 set @ 2575' MD / 2461' TVD

Surface Cement: Pumped 1015sx of 12.3ppg lead and 292sx of 12.8ppg tail. Performed Top Job of 115sx (25bbls) of 15.6ppg Neat G and held solid.

Original Well TD: 7883' MD / 7492' TVD (Williams Fork)

Planned Sidetrack Depth: 3200' MD / 3049' TVD

Prog G Sand: 4940' MD / 4733' TVD

Pro Fort Union: 5161' MD / 4943' TVD

Prog Ohio Creek: 6773' MD / 6477' TVD

Prog Williams Fork: 6970' MD / 6665' TVD

Prog Corcoran: 10,110' MD / 9788' TVD

Prog TD: 10,432' MD / 10,110' TVD (Lower Corcoran)

- Drilled to 7883' when string packed off and lost circulation due to rig downtime.
- Back reamed out of the hole to 4550' MD. Tight spots at 7680', 6780', 5200', and 4980'.
- Attempted to wash and ream hole, and hit solid bridge at 4850'. Hole was unloading and appears to be collapsed. This resulted in an unplanned sidetrack.

I am requesting approval to set one abandonment plug above the collapsed hole, and one kick off plug above that to sidetrack from. BHL of sidetrack well will be moved ~100' south of original permitted well. This will not change spacing units.

- Proposed Plug #1: 15.6ppg abandonment plug from 3900'-4500'
- Proposed Plug #2: 17ppg kick off plug from 3800'-3200'

I will follow up later this today with the required documents.

- Current wellbore diagram
- Proposed plugback wellbore diagram
- Sidetrack directional plan

Feel free to call my cell with any questions or concerns.

Thank you,

Aaron Duncan | Drilling Manager



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Craig Burger, P.E.

Western Region Engineering Supervisor



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Rifle office is being moved. Call Cell Phone.

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