

On Mon, Jan 2, 2017 at 1:30 PM, Diana Burn - DNR <diana.burn@state.co.us> wrote:

Please proceed as proposed.

Thanks,

Diana

From: Ty Entenmann [mailto:ntenmann@extractionog.com]
Sent: Monday, January 02, 2017 1:02 PM
To: Mike Hickey - DNR
Cc: Kamrin Ruder; Diana Burn - DNR
Subject: FW: Burroughs South 13 - Sidetrack

Mike,

Please see details below.

Thanks,

Ty Entenmann

From: Ty Entenmann
Sent: Monday, January 2, 2017 8:59 AM
To: 'Diana Burn - DNR' <diana.burn@state.co.us>
Cc: Kamrin Ruder <kruder@extractionog.com>
Subject: Burroughs South 13 - Sidetrack

Diana,

We were drilling the Burroughs South 13 and had substantial differences between seismic and what was really transpiring on location. This caused the well bore to be in the Fort Hays for much longer than we would have liked and were whipping out bits trying to recover. We crossed one fault to this point and we got Carlisle back in the samples, before doing any more damage we would like to pull back and recover by sidetracking.

With your permission we would like to pull back to 7,600' to sidetrack and adjust for the fault and knowing the dip angles we can keep the wellbore in zone.

API # - 05-123-40739-00

Total MD Drilled – 11,175'

Surface Casing – 9-5/8" 36# set at 1572'

Proposed Fish – None

Open hole sidetrack plan: Side track at 7,600’ and change targets to Carlisle and stay in zone.

Depth of Sidetrack- 7,600’ MD

Objective formation of sidetrack – Codell (same as APD)

Proposed BHL – Sec 15 – TWP 7N 65W 2646 FNL 460 FWL (same as approved sundry)

Thanks,



Ty Entenmann

Drilling Engineer

Extraction Oil & Gas

370 17th St, Suite 5300

Denver, CO 80202

Direct: [720.557.8326](tel:720.557.8326)

www.ExtractionOG.com