

Kaleb Roush

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Saturday, July 25, 2015 4:05 PM
To: Ty Entenmann
Cc: Kaleb Roush; Mike Hickey - DNR; Barbara Westerdale - DNR; Jason Kosola - DNR
Subject: RE: Waag 10 Sidetrack
Attachments: Statewide UNPLANNED Sidetrack Approval Reporting_11-6-2013.pdf

Please proceed as proposed.

John Montoya is not the appropriate contact – it needs to be engineering and please pause and give us a chance to get back to you. You can always call at the point where it is looking like trouble to give that cushion, so you are not at the point of ordering cement.

Submitting the APD on Monday is perfectly acceptable.

Thanks,
Diana

From: Ty Entenmann [mailto:tenenmann@extractionog.com]
Sent: Saturday, July 25, 2015 12:56 PM
To: Diana Burn - DNR
Cc: Kaleb Roush
Subject: Waag 10 Sidetrack

Diana-

We are having an issue on the Waag 10 (API# - 05-123-40362-00). We are having issues getting build rates on our curve. We tried to recover sacrificing some azimuth but now are in jeopardy of landing in the Carlisle and off target line.

Going forward we would like to set a 500' (17.5#) cement plug across the interval from 6650-7150MD. This will allow us to kick off again and retry this curve, we moved KOP up a bit to allow us to focus on azimuth early in the curve.

Total MD drilled to: 7430'
Surface casing – 9 5/8" 36# set at 871'.
No fish in hole
The plan is to pump one 500' plug (243 sacks) with Baker Cement-17.5#
Proposed sidetrack point – 6780' (Original KOP 6800')
Objective formation of sidetrack/curve: Codell
Proposed BHL: 1980 FNL 2241 FEL Sec 24, T7N, R66W (Same as original APD).

Also can we submit the new Form 2 on Monday morning first thing?

Thanks,



Ty Entenmann

Drilling Engineer

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