

Kaleb Roush

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Sunday, August 16, 2015 7:56 PM
To: Ty Entenmann
Cc: Kaleb Roush; Jason Kosola - DNR; Barbara Westerdale - DNR; Mike Hickey - DNR
Subject: RE: Openhole Sidetrack

How can you be having trouble on a well that hasn't even spud according to our records?

Please proceed as proposed. By not calling my cell, it is very likely that I would not have been sitting at the computer and caught this email and you would have waited for a response in order to be able to proceed.

Thanks,
Diana

From: Ty Entenmann [mailto:tenentmann@extractionog.com]
Sent: Sunday, August 16, 2015 7:26 PM
To: Diana Burn - DNR
Cc: Kaleb Roush
Subject: Openhole Sidetrack

Diana-

We are having an issue on the Winder 4 (API# - 05-123-39577-00). We are having issues with the Carlisle in the lateral, anticipated dip was 93 degrees and we saw 95-100 essentially putting us low in zone and drilling into the Carlisle at 95 degrees.

With your permission we would like to pull back to 8220' where we feel we have a good place to sidetrack and sufficient zone (15') under us to do so without seeing the Carlisle again. Knowing the formation now and that this well is much more dipping that the offsets on either side, we should be good going forward in the lateral after this sidetrack.

Total MD drilled to: 9652'
Surface casing – 9 5/8" 36# set at 1527'.
No fish in hole
The plan is to open hole sidetrack
Proposed sidetrack point – 8220' (92.2 degrees)
Objective formation of sidetrack/curve: Codell
Proposed BHL: 469 FNL 460 FWL Sec 8, T6N, R67W (Same as original APD).

Thanks,



Ty Entenmann

Drilling Engineer

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