

Kaleb Roush

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Thursday, January 29, 2015 12:26 PM
To: Kaleb Roush; Ty Entenmann
Cc: Jason Kosola - DNR; mike.hickey@state.co.us; Barbara Westerdale - DNR
Subject: RE: Waag 3 North

Oops permit – just like it was going to depth – oops Form 5 just the actual wellbore

From: Kaleb Roush [mailto:KRoush@extractionog.com]
Sent: Thursday, January 29, 2015 11:37 AM
To: Diana Burn - DNR; Ty Entenmann
Cc: Jason Kosola - DNR; mike.hickey@state.co.us; Barbara Westerdale - DNR
Subject: RE: Waag 3 North

Diana,

For the “oops” sidetrack, should I include all the well information as before (full casing program with actuals) and acting as if we were going to drill the well to TD or just report the depth of the “oops” sidetrack and explain what happened in the comments.

Kaleb Roush
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From: Diana Burn - DNR [mailto:diana.burn@state.co.us]
Sent: Thursday, January 29, 2015 11:31 AM
To: Ty Entenmann
Cc: Kaleb Roush; Jason Kosola - DNR; mike.hickey@state.co.us; Barbara Westerdale - DNR
Subject: RE: Waag 3 North

Hi Ty – we actually need a sidetrack for the ‘oops’ wellbore also, so please proceed as proposed but submit 2 APDs – one for the short sidetrack and one for the well to depth.

Thanks,
Diana

From: Ty Entenmann [mailto:tenenmann@extractionog.com]
Sent: Thursday, January 29, 2015 8:28 AM
To: Diana Burn - DNR

Cc: Kaleb Roush
Subject: Waag 3 North

Diana-

We are having another issue on the Wagg North #3 (API# - 05-123-40344-00). We are having the same issue getting back into our new wellbore. While running 7" the first time we bridged out on some formation in the wellbore at 1228'. We have since requested a sidetrack and completed it. Upon completing we pulled out of the hole and cleaned up the area where we sidetracked, only to discover another 34' sidetrack 100' (1130' MD) shallower. We have attempted to run casing 3 more times and are once again unsuccessful. Had we known there were 2 small sidetracks we would have cemented originally. Knowing this now we believe this to be the only viable option.

Going forward we would like to cement this sidetrack and the existing wellbore from 1132' back to 50' inside our surface shoe and start this whole process fresh. This way we will drill out of our surface casing with no wellbore in place and start new.

Total MD drilled to: 7645'

Surface casing – 9 5/8" 36# set at 888'.

No fish in hole

The plan is to cement this sidetrack and existing 8 3/4" hole back up to our surface casing.

Proposed sidetrack point – 888' (surface shoe)

Objective formation of sidetrack/curve: Niobrara B

Proposed BHL: 495 FNL 2247 FEL Sec 24, T7N, R66W (Same as original APD).

Please call my cell to discuss if any of this doesn't make sense. May be easier to understand through a phone call

Thanks Diana,



Ty Entenmann

Drilling Engineer

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