

## Kaleb Roush

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**From:** Ty Entenmann  
**Sent:** Saturday, January 24, 2015 2:05 PM  
**To:** Diana Burn - DNR  
**Cc:** Kaleb Roush; Barbara Westerdale - DNR; mike.hickey@state.co.us; Jason Kosola - DNR  
**Subject:** RE: Waag North #3

Yes that is correct.

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**From:** Diana Burn - DNR [mailto:diana.burn@state.co.us]  
**Sent:** Saturday, January 24, 2015 2:01 PM  
**To:** Ty Entenmann  
**Cc:** Kaleb Roush; Barbara Westerdale - DNR; mike.hickey@state.co.us; Jason Kosola - DNR  
**Subject:** RE: Waag North #3

I hope I am reading this correctly – the intention is to continue with the 3 degree inclination ‘hole’ and drill the well as planned.

If I have that correct – please proceed as proposed.

Thanks,  
Diana

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**From:** Ty Entenmann [mailto:[tenenmann@extractionog.com](mailto:tenenmann@extractionog.com)]  
**Sent:** Saturday, January 24, 2015 1:49 PM  
**To:** Diana Burn - DNR  
**Cc:** Kaleb Roush  
**Subject:** Waag North #3

Diana-

We are having an issue on the Wagg North #3 (API# - 05-123-40344-00). We are having issues getting back into our original wellbore. While running 7" we bridged out on some formation in the wellbore at 1228'. We pulled the 7" back out of the well and went in with a cleanout assembly. The original wellbore was at 9 degrees of inclination, while attempting to clean out we drilled a 40' sidetrack at 1228' and the inclination of this sidetrack is 3 degrees. We have tried 3 times to get 7" through the original hole without success.

Going forward we would like to use this sidetrack to redrill the vertical and curve. Once completed we will ensure cement to surface on the 7 " job to follow.

Total MD drilled to: 7645''

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

No fish in hole

The plan is to use the sidetrack and redrill the vertical and curve section.

Proposed sidetrack point – 1228'

Objective formation of sidetrack/curve: Niobrara B

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

Thanks,



**Ty Entenmann**

*Drilling Engineer*

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