

Kaleb Roush

From: Ty Entenmann
Sent: Tuesday, January 20, 2015 4:05 PM
To: Diana Burn - DNR
Cc: Kaleb Roush
Subject: Thornton 9 Curve

Diana-

We are having an issue on the Thornton 9 (API# - 05-123-40271-00). We are having issues getting build rates, pulled out of the hole 2 different times and put more aggressive motors in the hole until the point of no return. Finally we are needing 44 degrees per 100' to land on target. This bit is basically in the production zone but we are at 45 degrees. This was due to a combination of a localized fault that upshifted 60' and our motor yields being poor.

Total MD drilled to: 7710'

Surface casing – 9 5/8" 36# set at 819'.

No fish in hole

The plan is to pump two 400' plugs (182 sacks each) with Halliburton Cement-17.5#

Proposed sidetrack point – 6900'

Objective formation of sidetrack/curve: Codell

Proposed BHL: 660 FSL 460 FEL Sec 9, T7N, R66W (Same as original APD).



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