

Please proceed as proposed.

Thanks,
Diana

From: Cole Orley [mailto:Cole.Orley@whiting.com]
Sent: Wednesday, March 05, 2014 10:57 AM
To: 'Diana.Burn@state.co.us'
Cc: Scott Webb; Frontier 26 (26frontier@gmail.com)
Subject: Razor 26K-2305A - API: 05-123-37875-00

Diana,

Below are the details for the requested sidetrack on the Razor 26K-2305A. With approval we will get the remaining forms submitted ASAP. Please let me know if you require anything else.

RAZOR 26K-2305A – API: 05-123-37875-00

PROPOSED OR COMPLETED OPERATIONS:

- **EXPLAIN THE SITUATION THAT HAS RESULTED IN THE NEED TO SIDETRACK:**
- While drilling the curve we have landed 50' low to our horizontal target due to not getting designed build rates. This will impact the overall effective lateral length that is in the desired target zone. Going forward we want to plug back and kick off of a cement plug to land the curve at the desired TVD target and drill the lateral to the original BHL.
- **TOTAL DEPTH REACHED:**
- 6016.7' MD. Last survey – 5966' MD, 5,645' TVD 83.79° Inc, 325.17° Azi
- **CASING:**
- **SURFACE CASING:**
- **SIZE:** 9.625" 36PPF J-55 LTC
- **DEPTH:** 1,564.7'
- **DESCRIPTION OF FISH IN THE HOLE:**
- No fish to report
- **PLUG BACK DEPTHS:**
- Plug 1 (3/5/14):
- From 6017' TO 5317' – 700' for isolation (NIOBRARA TOP EST AT 5557')
- SXS – waiting on proposal
- 15.7PPG Yield – waiting on proposal
- Set plug with drill pipe
- Hole size = 8.75"
- Plug 2
- From 5317' to 4717' – 600' Kick off plug
- SXS – waiting on proposal
- 17.5PPG – Yield – waiting on proposal
- Set plug with drill pipe
- Hole size = 8.75"
- **SIDETRACK KICK OFF POINT:**
- 5000' MD
- **BHL TARGET FOR SIDETRACK HOLE:**
- (SAME TARGET) 100' FNL AND 1485'FWL S23-T10N-R58W
- **VERBAL APPROVAL TO SIDETRACK:**

- PENDING

Cole Orley

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