

Scott Webb

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Tuesday, April 14, 2015 5:08 PM
To: Chad Fitzgerald
Cc: Scott Webb; Holly Taylor - DNR; Dirk Sutphin - DNR; Barbara Westerdale - DNR
Subject: RE: Horsetail 08D 1704 Unplanned Sidetrack

Please proceed as proposed.

Thanks,
Diana

From: Chad Fitzgerald [mailto:chad.fitzgerald@whiting.com]
Sent: Tuesday, April 14, 2015 4:46 PM
To: Diana Burn - DNR
Cc: Scott Webb
Subject: Horsetail 08D 1704 Unplanned Sidetrack

Sidetrack Request

HORSETAIL 08D 1704 – API: 05-123-41024-00

PROPOSED OR COMPLETED OPERATIONS:

Diana,

While drilling in the curve we were not getting the build rates we needed to land in the Niobrara B zone. With the current build rates we would end up landing 40'-50' low of our target zone. The intent is to sidetrack off a cement plug at 5,380' and finish drilling the well to its original BHL.

- **TOTAL DEPTH REACHED:**
- 5,840' (MD) 5,735' (TVD)
- **CASING:**
- **SURFACE CASING:**
- **SIZE:** 9.625" 36PPF J-55 LTC
- **DEPTH:** 1,650'
- **DESCRIPTION OF FISH IN THE HOLE:**
- NO FISH TO REPORT
- **PLUG BACK DEPTHS:**
- **PLUG 1:**
- FROM 5840' TO 4840' (NIOBRARA TOP EST AT 5666')
- 430 SXS
- 17PPG (0.99 CUFT/SX)
- SET USING DRILL PIPE AND 1000' 2-7/8" TUBING @ 5840'
- HOLE SIZE = 8.75"
- **SIDETRACK KICK OFF POINT:**
- 5380' (MD)
- **BHL TARGET FOR SIDETRACK HOLE:**
- (SAME TARGET) 100' FNL AND 1155'FWL S8-T10N-R57W
- **VERBAL APPROVAL TO SIDETRACK:**
- PENDING

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