

## Scott Webb

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**From:** Diana Burn - DNR <diana.burn@state.co.us>  
**Sent:** Thursday, December 18, 2014 8:22 AM  
**To:** Chad Anton  
**Cc:** Scott Webb; Cole Orley; Michael Vendegnia; Penny Garrison - DNR; Dirk Sutphin - DNR; Barbara Westerdale - DNR  
**Subject:** RE: Sidetrack Request for the Razor 33N-2805

Please proceed as proposed.

Thanks,  
Diana

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**From:** Chad Anton [mailto:[chad.anton@whiting.com](mailto:chad.anton@whiting.com)]  
**Sent:** Wednesday, December 17, 2014 11:17 PM  
**To:** Diana Burn - DNR  
**Cc:** Scott Webb; Cole Orley; Michael Vendegnia  
**Subject:** Sidetrack Request for the Razor 33N-2805

**Razor 33N-2805 – API: 05-123-39260-00**

**PROPOSED OR COMPLETED OPERATIONS:**

**EXPLAIN THE SITUATION THAT HAS RESULTED IN THE NEED TO SIDETRACK:**

While running the liner we were not able to make it past 11,205'. We laid down the liner, and we tripped back in with a reaming assembly. We were unable to get past 11,065', so we tripped out to lay down the reamer and go back in with just a roller cone bit. We were also unable to get past 11,065'. With continued tight hole and risk of getting stuck, we need to sidetrack the lateral.

**TOTAL DEPTH REACHED:**

13,169' (MD) 5,687' (TVD)

**CASING:**

**SURFACE CASING:**

**SIZE:** 9.625" 36PPF

**DEPTH:** 1,528 MD 1,517' TVD

**PRODUCTION CASING:**

**SIZE:** 7.0" 29 PPF P110HC LTC

**DEPTH:** 6,065' MD 5,642' TVD

**Fish In Hole:**

No Fish

**SIDETRACK PROCEDURE AND PLUG BACK DEPTHS:**

No plug will be set in horizontal bore; Plan to trip in with our directional assembly and time drill to go on the low side of the current wellbore

**SIDETRACK KICK OFF POINT:**

9,985' (MD) 5,643' (TVD)

**Proposed Formation:**

Niobrara

**BHL TARGET FOR SIDETRACK HOLE:**

(SAME TARGET) 2,551' FSL AND 1,485' FWL of 28-T10N-R58W

**Verbal Approval to Sidetrack:**

Left Message; waiting for approval

**Chad Anton**

Drilling Engineer V

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*and its wholly owned subsidiary*

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