

## Crissy Ventura

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**From:** Diana Burn - DNR <diana.burn@state.co.us>  
**Sent:** Wednesday, June 18, 2014 9:24 AM  
**To:** Chad Fitzgerald  
**Cc:** Dirk Sutphin - DNR; Barbara Westerdale - DNR  
**Subject:** RE: Razor 26L 3503A Unplanned Sidetrack 123-37991

Please proceed as proposed.

Thanks,  
Diana

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**From:** Chad Fitzgerald [mailto:[chad.fitzgerald@whiting.com](mailto:chad.fitzgerald@whiting.com)]  
**Sent:** Wednesday, June 18, 2014 9:14 AM  
**To:** [diana.burn@state.co.us](mailto:diana.burn@state.co.us)  
**Subject:** Razor 26L 3503A Unplanned Sidetrack

### **Sidetrack Request**

**RAZOR 26L-3503A – API: 05-123-37991-00**

#### **PROPOSED OR COMPLETED OPERATIONS:**

Diana,

While drilling in the lateral we were high in zone and approaching the Sharon Springs and the hole started sluffing in. We had to trip out of the hole to change out a MWD tool. While tripping back in the hole the drum brake failed on the rig and we had to wait on a new one to be shipped from Houston. We were out of the hole for about 36 hours. When tripping back to bottom we were 150' off bottom and had to ream the hole due to the hole depleted hole conditions and failed the motor. Due to the hole conditions of that last 150' we feel we will not be able to run our production liner and request to sidetrack lower in Niobrara A zone. We will be running a cemented production liner.

- **TOTAL DEPTH REACHED:**

- 7,550' (MD) 5582' (TVD)

- **CASING:**

- **SURFACE CASING:**

- **SIZE:** 9.625" 36PPF

- **DEPTH:** 1,528 MD 1524' TVD

- **PRODUCTION CASING:**

- **SIZE:** 7.0" 29 PPF J-55 LTC

- **DEPTH:** 6,006' MD 5,600' TVD

- **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:**

- 7000' (MD) 5596' (TVD)

- **BHL TARGET FOR SIDETRACK HOLE:**

- (SAME TARGET) 600' FSL AND 825'FWL S35-T10N-R58W

**Chad Fitzgerald**

Drilling Engineer

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