

Michael L. Brown

From: "Diana Burn - DNR" <diana.burn@state.co.us>
To: "Chad Fitzgerald" <chad.fitzgerald@whiting.com>
Cc: "Scott Webb" <ScottW@whiting.com>; <ml_brown@bresnan.net>; "Barbara Westerdale - DNR" <barbara.westerdale@state.co.us>; "Penny Garrison - DNR" <penny.garrison@state.co.us>; "Dirk Sutphin - DNR" <dirk.sutphin@state.co.us>
Sent: Monday, December 05, 2016 9:28 AM
Subject: RE: Horsetail 30G 3143 Sidetrack Request
Please proceed as proposed.

Thanks,

Diana

From: Chad Fitzgerald [mailto:chad.fitzgerald@whiting.com]
Sent: Monday, December 05, 2016 9:18 AM
To: 'Diana Burn - DNR'
Cc: Scott Webb; 'ml_brown@bresnan.net'
Subject: Horsetail 30G 3143 Sidetrack Request

Sidetrack Request

HORSETAIL 30G 3143 – API: 05-123-43039-00

PROPOSED OR COMPLETED OPERATIONS:

Diana,

While drilling in the curve the motor's power section backed off and was left in the hole while drilling at 39°. The intent is to sidetrack off a cement plug around the fish at 4,800' and finish drilling the well to its original BHL. I have attached the schematic for the sidetrack request below.

- **TOTAL DEPTH REACHED:**
- 5,776' (MD) 5,589' (TVD)
- **CASING:**
 - **SURFACE CASING:**
 - **SIZE:** 9.625" 36PPF J-55 LTC
 - **DEPTH:** 2,057'
- **DESCRIPTION OF FISH IN THE HOLE:**
 - 12' OF THE MOTOR'S POWER SECTION
- **PLUG BACK DEPTHS:**
 - **PLUG 1:**
 - FROM 5776' TO 4776'
 - 470 SXS
 - 17.2 PPG (0.96 CUFT/SX)
 - SET USING DRILL PIPE @ 5776'
 - HOLE SIZE = 8.5"
- **SIDETRACK KICK OFF POINT:**
 - 4800' (MD)
- **BHL TARGET FOR SIDETRACK HOLE:**

- (SAME TARGET) 100' FSL AND 2018'FEL S31-T10N-R57W
- **VERBAL APPROVAL TO SIDETRACK:**
 - PENDING

Chad Fitzgerald

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