

Scott Webb

From: Chad Anton
Sent: Monday, November 24, 2014 8:20 AM
To: Diana Burn - DNR
Cc: Dirk Sutphin - DNR; Barbara Westerdale - DNR; Scott Webb; Michael Vendegnia
Subject: RE: Sidetrack Request for the Cottonwood 08E-0504

Thank you.

From: Diana Burn - DNR [<mailto:diana.burn@state.co.us>]
Sent: Monday, November 24, 2014 7:38 AM
To: Chad Anton
Cc: Dirk Sutphin - DNR; Barbara Westerdale - DNR
Subject: RE: Sidetrack Request for the Cottonwood 08E-0504

Please proceed as proposed.

Thanks,
Diana

From: Chad Anton [<mailto:chad.anton@whiting.com>]
Sent: Sunday, November 23, 2014 9:56 PM
To: diana.burn@state.co.us
Subject: Sidetrack Request for the Cottonwood 08E-0504

Cottonwood 08E-0504 – API: 05-123-4040800-00

PROPOSED OR COMPLETED OPERATIONS:

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

While drilling the lateral we crossed a faulted section which resulted in drilling into the Sharon Springs. We tripped out of the hole for an pressure spike. While tripping in the hole, we had difficulty in getting back to bottom and even got stuck. With continued sloughing and risk of getting stuck, we need to sidetrack the lateral.

TOTAL DEPTH REACHED:

11,354' (MD) 5,516' (TVD)

CASING:

SURFACE CASING:

SIZE: 9.625" 36PPF

DEPTH: 1,560 MD 1,560' TVD

PRODUCTION CASING:

SIZE: 7.0" 29 PPF P110HC LTC

DEPTH: 5,880' MD 5,516' 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:

9,844' (MD) 5,529' (TVD)

Proposed Formation:

Niobrara

BHL TARGET FOR SIDETRACK HOLE:

(SAME TARGET) 100' FNL AND 1,205'FWL S5-T9N-R57W

Verbal Approval to Sidetrack:

Received

Chad Anton

Drilling Engineer V

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and its wholly owned subsidiary

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