

Michael L. Brown

From: "Scott Webb" <ScottW@whiting.com>
To: <ml_brown@bresnan.net>
Sent: Wednesday, September 02, 2015 4:19 PM
Subject: FW: Razor 12F 0103A Sidetrack request Verbal Approval
From: Diana Burn - DNR [mailto:diana.burn@state.co.us]
Sent: Wednesday, September 02, 2015 3:55 PM
To: Chad Fitzgerald
Cc: Scott Webb; Dirk Sutphin - DNR; Barbara Westerdale - DNR; Holly Taylor - DNR
Subject: RE: Razor 12F 0103A Sidetrack request

Please proceed as proposed. Please include surface casing details on the APD – should be actual. Why 1000'+ deeper than the original APD?

Thanks,
Diana

From: Chad Fitzgerald [mailto:chad.fitzgerald@whiting.com]
Sent: Wednesday, September 02, 2015 1:58 PM
To: Diana Burn - DNR
Cc: Scott Webb
Subject: Razor 12F 0103A Sidetrack request

Sidetrack Request**RAZOR 12F 0103A – API: 05-123-38711-00****PROPOSED OR COMPLETED OPERATIONS:**

Diana,

After we reached TD in the lateral we attempted to run our 4-1/2" liner. We were only able to reach 8,320' before we were unable to run casing any deeper. After reaming back to bottom, with a reaming assembly, we conditioned the mud. The hole began falling apart and the decision was made to sidetrack. The intent is to do an open hole sidetrack at 7,354' MD, 5,838' TVD and finish drilling the well to its original BHL at 5,770' TVD.

TOTAL DEPTH REACHED:

13,378' (MD) 5,817' (TVD)

CASING:**SURFACE CASING:**

SIZE: 7" 32PPF HCL-80 LTC

DEPTH: 6,325'

DESCRIPTION OF FISH IN THE HOLE:

NO FISH TO REPORT

PLUG BACK DEPTHS:

NO PLUG FOR OPEN HOLE SIDETRACK

SIDETRACK KICK OFF POINT:

7,354' (MD), 5,838' (TVD)

BHL TARGET FOR SIDETRACK HOLE:

5,770' (TVD), 600' FNL AND 825' FWL S01-T10N-R58W

VERBAL APPROVAL TO SIDETRACK:

PENDING

Chad Fitzgerald

Drilling Engineer

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