

From: Diana Burn - DNR
To: [Dixon, Jennifer A](mailto:Dixon.Jennifer.A)
Subject: [EXTERNAL]RE: Updated sidetrack info
Date: Tuesday, September 19, 2017 12:56:51 PM

Thank you for the updated sidetrack details – please proceed.

Thanks,
Diana

From: Dixon, Jennifer A [mailto:Jennifer.A.Dixon@conocophillips.com]
Sent: Tuesday, September 19, 2017 12:41 PM
To: diana.burn@state.co.us
Subject: Fwd: Updated sidetrack info

Diana,

Please see the updated email from our drilling engineer that contains the fish information. They were reaming after the unsuccessful casing run. They reached TD with the BHA but lost it on the way out. I will forward our drilling engineer's explanation, as I may not have accurately captured the details.

V/R

Jennifer Dixon

Sent from my iPhone

Begin forwarded message:

From: "Shafer, Eric" <Eric.Shafer@conocophillips.com>
Date: September 19, 2017 at 12:31:02 PM MDT
To: "Dixon, Jennifer A" <Jennifer.A.Dixon@conocophillips.com>
Subject: **FW: Updated sidetrack info**

- i. Due to issues with geosteering the Grande 4-65 20-19 3AH well drilled out of the planned horizon. This has resulted in an inability to get the production casing to TD. The sidetrack is planned to place the wellbore at the permitted BHL in the target horizon.
- ii. TD 15452' MD
- iii. 9-5/8" 36# J-55 LTC set at 2197' MD
- iv. Fish located at 14,000' and is approximately 85' in length and consists of:
8-3/4" roller cone bit
Bit sub

XO

1 joint drill pipe

Reamer

1 joint drill pipe

Reamer

Fish contains no electronics or radioactive sources.

v. No plug to be set

vi. No plug to be set

vii. Sidetrack kickoff 10575'

viii. Niobrara C, same as originally permitted well.

ix. BHL 2483' FSL 2450 FEL Sec 19 TWP 4S RNG 65W, same as permitted well

Thanks,

Eric Shafer