

**From:** Diana Burn - DNR [mailto:diana.burn@state.co.us]

**Sent:** Sunday, February 5, 2017 1:57 PM

**To:** Ty Entenmann <ntenmann@extractionog.com>; Steve Jenkins - DNR <steve.jenkins@state.co.us>; Penny Garrison - DNR <penny.garrison@state.co.us>; Barbara Westerdale - DNR <barbara.westerdale@state.co.us>

**Cc:** Kamrin Ruder <kruder@extractionog.com>

**Subject:** RE: Sidetrack - Triple Creek Country Club West C1-9-11

Please proceed as proposed.

Thanks,  
Diana

**From:** Ty Entenmann [mailto:[ntenmann@extractionog.com](mailto:ntenmann@extractionog.com)]

**Sent:** Sunday, February 05, 2017 9:23 AM

**To:** Diana Burn - DNR

**Cc:** Kamrin Ruder

**Subject:** Sidetrack - Triple Creek Country Club West C1-9-11

Diana,

We drilled the Triple Creek Country Club C1-9-11. We were in the process of running casing and had gas come at us, at which point we broke circulation and got the gas out of the well. We then proceeded to weight our mud up to 12ppg and then started to pull casing out of the ground and do a reamer run. On the way out we ended up getting, what we believe is, differentially stuck. We can circulate but couldn't get free with our pull limitations. We spotted lighter density fluid and tried a couple remedies but with no success. We cut casing and decided to jar on it which was also to no avail. We currently have a fish in the ground which we believe is un-retrievable. It is 5.5" 20# casing from 7498' to 11,700' (4202' total).

With your permission we would like to pump a 750' cement plug right on top of the fish covering the interval (7490' to 6740'). We will then kick off and re-drill the curve and lateral portions of the well. We will keep the same bottom hole, but we won't steer back towards it till we clear the end of the fish at 11,700'. We will maintain sufficient separation while drilling by the fish.

API # - 05-123-43504-00

Total MD Drilled – 20,590'

Surface Casing – 9-5/8" 36# set at 1585'

Proposed Fish – String of casing from 7498' to 11,700' (4202' total).

Sidetrack plan: Side track at 6,900' and change targets to avoid fish until we clear it.

Depth of Sidetrack- 6,900' MD

Objective formation of sidetrack – Codell (same as APD)

Proposed BHL – Sec 11 – TWP 5N 66W 767 FNL 2480 FWL (same as Approved)

Thanks and please call with any questions,



**Ty Entenmann**

*Drilling Engineer*

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