

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

**Sent:** Sunday, January 22, 2017 4:00 PM

**To:** Ty Entenmann <ntenmann@extractionog.com>; Mike Hickey - DNR <michael.hickey@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: Matrix G-29HN

Please proceed as proposed.

Thanks,

Diana

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

**Sent:** Sunday, January 22, 2017 2:41 PM

**To:** Diana Burn - DNR

**Cc:** Kamrin Ruder

**Subject:** Matrix G-29HN

Diana,

We are drilling the Matrix G-29HN. We had a fault throw us out of the Nio A bench and right into the middle of the Sharron Springs. We came down at an 86 degree inclination trying to recover and minimize exposure, however, it has started to slough on us and we almost got stuck.

With your permission we would like to pull back to 9,217' to sidetrack and adjust for the fault and knowing the dip angles we can keep the wellbore in zone.

API # - 05-123-40693-00

Total MD Drilled – 10,166'

Surface Casing – 9-5/8" 36# set at 1635'

Proposed Fish – None

Open hole sidetrack plan: Side track at 9,217' and change targets to stay in zone and adjust for the fault.

Depth of Sidetrack- 9,217' MD

Objective formation of sidetrack – Niobrara (same as APD)

Proposed BHL – Sec 29 – TWP 6N 65W 465 FNL 1790 FWL (same as approved sundry)

Thanks and please call with any questions,



**Ty Entenmann**

*Drilling Engineer*

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