

## Linsey Jones

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**Subject:** FW: Berry IC 11-159HC - API: 05-123-49857 - Great Western Operating Co - Unplanned Sidetrack

Please proceed as proposed. Please send the APD doc# to Missti Mason once it is in upload.

Thanks,  
Diana

On Sat, Jun 1, 2019 at 4:28 PM Matt Mount <[mmount@gwogco.com](mailto:mmount@gwogco.com)> wrote:

Diana

Good afternoon. As mentioned in the message I left on your cell phone at 4:20 on 6/01/2019, Great Western requests approval to carry out the unplanned sidetrack of the above referenced wellbore. The following information is provided as required by the "Statewide Unplanned Sidetrack While Drilling: Approval and Reporting Process" document:

- i. Due to a mis-interpretation of the 3-D seismic information the original hole was landed in the Ft Hayes above the Codell sandstone target. Approximately 700' of the horizontal interval was drilled in the Ft Hayes before the wellbore entered the Codell sandstone. The 700' of Ft Hayes will not be as productive as it would be if the lateral were in the Codell. So, Great Western requests approval to carry out an open-hole sidetrack so that the lateral can be landed in the Codell sandstone. Once the sidetracked wellbore is landed in the Codell sandstone, the well will be drilled to the originally planned and permitted bottom hole location.
- ii. The Original Hole has been drilled to a total depth of 8424 / 7212 MD/TVD.
- iii. Operations carried out to date:
  - a. 13-1/2" surface hole was drilled to 1595 MD/TVD
  - b. 9-5/8" surface casing was run and cemented at 1595 MD/TVD
  - c. 8-1/2" hole was drilled to TD of 8424 / 7212 MD/TVD.
- iv. No fish will be left in the hole.
- v. No cement plugs will be set.
- vi. No cement plugs will be set.
- vii. Estimated sidetrack point will be 7450 / 7148 MD/TVD.
- viii. The proposed objective formation will not be changed and will be the Codell.

ix. The bottom hole location for the sidetrack will be identical to the bottom hole location for the original hole. The mineral interest owners will not change.

Forms and additional information will be submitted as required by the "Statewide Unplanned Sidetrack While Drilling: Approval and Reporting Process" document.

The rig is currently tripping to check the condition of the bit prior to beginning the sidetrack operation. Please either call, text or email with your questions or approval to proceed.

Thank you.



Vice President Drilling

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DIANA BURN, P.E.

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