

From: [Diana Burn - DNR](#)
To: [Matt Mount](#); [Garrison - DNR, Penny](#); [Stephen Wolfe - DNR](#); [Missti Mason - DNR](#)
Cc: [Miracle Pfister](#); [Erin Lind](#); [Linsey Jones](#); [Eileen Roberts](#)
Subject: [EXTERNAL] RE: Brant LE 08-159HC - 05-001-10340 - Request for Unplanned Sidetrack
Date: Monday, January 6, 2020 8:39:28 AM

Hi Matt,

Please proceed as proposed, please send the uploaded APD Doc # to Missti.

Stuart has moved on to greener pastures.

Thanks,
Diana

From: Matt Mount <mmount@gwp.com>
Sent: Monday, January 6, 2020 7:48 AM
To: Diana Burn - DNR <diana.burn@state.co.us>; Ellsworth - DNR, Stuart <stuart.ellsworth@state.co.us>
Cc: Miracle Pfister <mpfister@gwp.com>; Erin Lind <Elind@gwp.com>; Linsey Jones <Ljones@gwp.com>; Eileen Roberts <Eroberts@gwp.com>
Subject: Brant LE 08-159HC - 05-001-10340 - Request for Unplanned Sidetrack

Diana & Stuart

Good morning. I left a message with Diana at around 7:40 AM this morning and was unable to connect with Stuart's phone due to calling restrictions on the number.

As I mentioned in my message to Diana – Great Western is requesting approval for the unplanned sidetrack of the above references well.

Please review the following information.

- i. An 8-1/2" hole was drilled to 23,212 / 7625' MD/TVD. Due to encountering and crossing an undetected fault, approximately 1500' of the lateral was located in the Carlisle shale instead of the Codell sand.
- ii. Great requests approval carry out an open hole sidetrack and re-drill the well so that it avoids the Carlisle shale.
- iii. Operations carried out to date:
 - a. 13-1/2" surface hole was drilled to 1779' MD/TVD
 - b. 9-5/8" surface casing was run and cemented at 1779' MD/TVD
 - c. 8-1/2" hole was drilled to TD of 23,212' / 7625' 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 19,340' / 7633' MD/TVD.
- viii. The proposed objective formation will not be changed and will be the Codell.
- ix. To avoid intersecting the original hole, the sidetrack wellbore and the BHL for the sidetrack will be moved approximately 50' to the South as shown in the

attachment. The mineral interest owners will not change from the original BHL.

Additional paperwork and electronic forms/reports related to this sidetrack will be submitted as required.

Please contact me with your approval to proceed with the sidetrack; or with questions or requests for additional information. Thank you



Matt Mount

Vice President Drilling

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