

## Light, Cheryl

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**From:** Diana Burn - DNR <diana.burn@state.co.us>  
**Sent:** Thursday, June 13, 2019 11:01 AM  
**To:** Fryar, Bill; Smith, Ryan; Crowder, David; Light, Cheryl; Piekara, John; Lubniewski, Jason  
**Cc:** Penny Garrison - DNR; Eric Jacobson - DNR  
**Subject:** RE: JDB 15-3HZ Sidetrack Approval

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Please proceed as proposed and once the APD is in upload, send the document # to Penny Garrison.

Thanks,  
Diana

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**From:** Fryar, Bill [mailto:[Bill.Fryar@anadarko.com](mailto:Bill.Fryar@anadarko.com)]  
**Sent:** Thursday, June 13, 2019 10:52 AM  
**To:** [diana.burn@state.co.us](mailto:diana.burn@state.co.us); Smith, Ryan; Crowder, David; Light, Cheryl; Piekara, John; Lubniewski, Jason  
**Subject:** JDB 15-3HZ Sidetrack Approval

Good morning, Diana -

Earlier this morning, I left you a voicemail on your office phone. I wanted to follow up that voicemail with a formal sidetrack request.

Per your approval, we will proceed forward with the proposed open hole sidetrack. Please see below, and contact me if you have any questions.

### Well name and API

- JDB 15-3HZ
- 05-123-49219

### Explanation of situation and why we need to sidetrack

- Formation: Nio C
- Lateral Category: Single Section Lateral
- After tripping out of hole to change drilling assembly, it was realized that the drilling bit had broken off multiple blades. Due to the bit debris left downhole, it was determined that an open hole side track was the best path forward. The intended plan is to perform an open hole side track to re-drill the lateral section in the target formation and maintain the same bottom hole location.

### Total Measured Depth Reached

- 8,875 ft. MD
- 7,500' TVD

### Casing Sizes set and MD

- 16" conductor casing set at 97 ft.
- 9.625" surface casing set at 1,931ft. MD

**Measured Depth and TVD of open hole sidetrack point**

- 8,604 ft. MD
- 7,493 ft. TVD

**Proposed target formation of sidetrack hole if different than permitted**

- Same well plan as permit

**BHL of sidetrack hole**

- Same well plan as permit

**Wellbore diagram**

- See attached

Thank you,

**Bill Fryar**

**Drilling Engineer – Rockies Well Construction**

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[bill.fryar@anadarko.com](mailto:bill.fryar@anadarko.com)