



STATE OF  
COLORADO

Andrews - DNR, David <david.andrews@state.co.us>



## WPX Energy - NER 514-32 Stuck Pipe/Possible Side Track

Andrews - DNR, David <david.andrews@state.co.us>  
To: "Beavers, Kinzie" <Kinzie.Beavers@wpxenergy.com>

Tue, Feb 18, 2014 at 8:36 AM

Kinzie,

Thanks for the update. The additional Condition of Approval #5 in this email chain shall remain in effect.

Dave

**CC: COGCC Well File, API No. 045-21786**

On Mon, Feb 17, 2014 at 8:03 AM, Beavers, Kinzie <Kinzie.Beavers@wpxenergy.com> wrote:

Dave,

We recovered the fish yesterday, 2/16/14 @ 12:30 on the NER 514-32. We are currently tripping back in hole and will continue drilling the original wellbore.

Thank you for your effort on this project, luckily we did not end up needing to sidetrack.

**Kinzie Beavers**

Office: (303) 606-4365

Cell: (720) 202-1068

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**From:** Andrews - DNR, David [mailto:david.andrews@state.co.us]  
**Sent:** Friday, February 14, 2014 3:06 PM  
**To:** Beavers, Kinzie  
**Cc:** jay.krabacher@state.co.us; Beougher, Justin  
**Subject:** Re: WPX Energy - NER 514-32 Stuck Pipe/Possible Side Track

Kinzie,

I need the following additional information prior to granting verbal approval, per Step 1.b. of the attached guidance:

1. Casing set – size(s) and measured depth(s)
2. Description of fish
3. Bottom MD of fish
4. More cement plug details:
  - Description of proposed plugs: setting measured depths, heights, and cement volumes
  - Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)
  - Measured depth of proposed sidetrack kick-off point

I understand that WPX plans to drill to the same BHL and objective formation.

There is no top of cement shown for the production casing on Form 2 #400321760, and there is no COGCC Condition of Approval (COA) specifying criteria for the cement top, except for COA #3, which refers to the Mamm Creek Field NTO. Therefore, the following is hereby added as a Condition of Approval for Form 2 #400321760:

(5) CEMENT ON PRODUCTION CASING MUST BE A MINIMUM OF 200' ABOVE THE TOP OF THE MESA VERDE FORMATION (OR 200' ABOVE THE OHIO CREEK FORMATION IF PRESENT). CEMENT TOP VERIFICATION BY CBL IS REQUIRED. THIS REQUIREMENT SHALL SUPERSEDE THE TOP OF CEMENT REQUIREMENTS IN THE MAMM CREEK FIELD NOTICE TO OPERATORS.

I look forward to your reply.

Thanks,

Dave

**David D. Andrews, P.E., P.G.**  
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On Fri, Feb 14, 2014 at 1:33 PM, Beavers, Kinzie <Kinzie.Beavers@wpxenergy.com> wrote:

Dave,

We are currently stuck in hole on the NER 514-32 (API 05045217860000) on the RU 23-5 pad. We were able

to back off yesterday and have a top of fish at 2603' MD with hole TD ~5800' MD. Our current plan is to run in hole with jars and work the pipe free but if we are unsuccessful, we would like to have verbal approval to sidetrack.

If unsuccessful with the fish, we would most likely pump a heavy cement plug, something around 15 or 16 ppg and fill about 500' of the hole with cement. Wait for that to set up and then trip in with a sidetrack assembly. We just worked through a preliminary directional plan and it looks like we can build above the current hole and then get vertical over the target and hit the same BHL, no changes there. Once the kickoff is complete, its back to normal drilling. We can certainly get you a more formal plan if we end up going this route.

Would you be willing to provide us a verbal approval to sidetrack if necessary?

Please feel free to call my cell (720-202-1068) if you have any questions or concerns.

*Kinzie Beavers*

Drilling Engineer - Piceance Basin

WPX Energy - Rocky Mountain, LLC

Email: Kinzie.Beavers@WPXEnergy.com

Office: (303) 606-4365

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