

Venessa Chase

From: John Sinesi
Sent: Tuesday, March 7, 2017 7:01 PM
To: Venessa Chase
Subject: Fwd: [EXTERNAL] :RE: Cecil Kersey Farm 17K-404 05-123-42904 Sidetrack request

Sent from my iPhone

Begin forwarded message:

From: Diana Burn - DNR <diana.burn@state.co.us>
Date: March 7, 2017 at 3:16:45 PM MST
To: John Sinesi <John.Sinesi@pdce.com>
Cc: Penny Garrison - DNR <penny.garrison@state.co.us>, Steve Jenkins - DNR <steve.jenkins@state.co.us>, Barbara Westerdale - DNR <barbara.westerdale@state.co.us>
Subject: [EXTERNAL] :RE: Cecil Kersey Farm 17K-404 05-123-42904 Sidetrack request

Please proceed as proposed.

Thank you,
Diana

From: John Sinesi [mailto:John.Sinesi@pdce.com]
Sent: Tuesday, March 07, 2017 3:12 PM
To: Diana Burn - DNR
Subject: Cecil Kersey Farm 17K-404 05-123-42904 Sidetrack request

Good Afternoon Diana:

I am writing to inform you of potential sidetrack. We were drilling the curve and experienced a gas kick which required 12.2 ppg mud to kill. Once killed we continued drilling the lateral. At 10500' we got stuck. We assume the extra mud weight and gas influx in combination with hole instability created our stuck BHA. We are currently jarring on the BHA to try to get it free. We don't expect it to come free at this time as it has been a few days of fishing with little gain.

Our plan is to back off the BHA at 7250' set a cement plug across the top of the Nio, and a kick plug at 1850-2350'. We will then steer by the potential gas kick zone and stuck BHA and end the well at the original BHL. Other details below:

- a. Well name and API - **Cecil Kersey Farm 17K-404 05-123-42904**
- b. Explanation of situation and why you need to sidetrack – **BHA is stuck at 10500'. Multiple fishing attempts have been made to try to free the tools. We will back off of the tools at 7250', then sidetrack around the BHA.**
- c. Total measured depth reached (also have TVD) **10,500' MD/ 6870' TVD'**
- d. Casing sizes set and measured depth **9-5/8" @ 1645' MD/ 1626' TVD**

- e. Description of fish-including top and bottom. **3100' of drill pipe, agitator, directional tools and drill bit, top-7250' bottom 10,500'**
- f. Type of cement you will be using including weight, yield, and sacks. **2 cement plugs 1st: 6600'-7100' MD, 2nd 1850-2350' Each 300 sx, 15.6ppg, 1.18 yd,**
- g. Measured depth and TVD of sidetrack point **2000' MD/ 1971' TVD**
- h. Proposed target formation of sidetrack hole if different than permitted. **Same as permit.**
- i. BHL of sidetrack hole. **Same as original plan.**
- j. Wellbore diagram: will be sent.



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