

STATE OF
COLORADO

er - DNR, Jay <jay.krabacher@state.co.us>

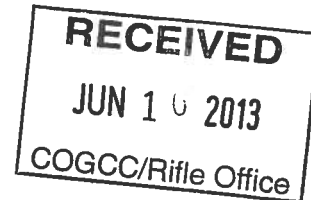
SWEPI 05-081-07772 North Castor Gulch 6-16 ST, Unintentional Sidetrack

2 messages

Joshua.Gossanyi@shell.com <Joshua.Gossanyi@shell.com>

Sun, Jun 16, 2013 at 1:52 PM

To: jay.krabacher@state.co.us, Kevin.King@state.co.us, david.andrews@state.co.us, Ed.Kruijs@shell.com, Joshua.Gossanyi@shell.com



Jay,

Below you can find the synopsis of events that I sent to David this morning, and as I described on the phone this morning. My plan going forward is as follows:

1. Pump cement from the bottom of the new unplanned sidetrack (5440') to at least 100' inside my intermediate casing, set @ 4966' MD. This will occur in two plugs one from 5440' to 5000' the other from 5000' to 4750'
2. This cement will be a standard 15.8 ppg neat class G blend fulfilling the requirement of:
 - a. Will achieve a minimum compressive strength of three hundred (300) psi after twenty-four (24) hours and eight hundred (800) psi after seventy-two (72) hours
3. We will place the cement using a balanced cement plugs on 2-7/8" tubing
4. We will then run the required Isoscanner/ CBL log on top of the cement to evaluate the quality of cement behind the intermediate casin, this log is likely to miss the bottom ~250' of intermediate casing. Though we typically miss the bottom 250' anyways due to well geometry and the lack of begin able to hold a column of fluid to surface, due to the fact that we have to set a bridge plug prior to running the log.

Attached is a brief Well bore diagram showing the situation currently, I will pump cement to cover the entire unplanned new sidetrack. I will also forward you the cement details when I receive and QC them from the cement contractor. When we are all in the office tomorrow I will fill out the paperwork for the unplanned sidetrack.

Josh Gossanyi

Drilling Engineer

Shell Exploration & Production Company

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From: Gossanyi, Joshua R SEPCO-PTW/U/W
Sent: Sunday, June 16, 2013 6:49 AM
To: david.andrews@state.co.us; Gossanyi, Joshua R SEPCO-PTW/U/W
Subject: SWEPI 05-081-07772 North Castor Gulch 6-16 ST, Unintentional Sidetrack

David,

I just want to update you on the situation that occurred last night on the North Castor Gulch 6-16 ST. Last week we had to sidetrack the well due to a fish left in the hole, this sidetrack was @ 5065' (on 6/4), and eventually drilled to a depth of 8553'. This sidetrack was approved and all the necessary paperwork was filled out. On Friday (6/14) we had some drill string issues and had to trip out of the hole. Upon running back in the hole a tight spot was encountered @ 5060', the rig proceeded to attempt and ream through that section. @ 5440' MD the rig took a survey and found that they had inadvertently sidetracked from the original planned sidetrack. We are currently unsure of the exact sidetrack mechanism, and we are evaluating our plan going forward. I just wanted to update you as soon as possible to the situation. Find attached a quick wellbore diagram showing the situation. I will email you again with our proposed plan forward and if I don't hear back from you sometime this morning I will give you a call.

Josh Gossanyi

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NCG 6-16 WBD.xlsx

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Krabacher - DNR, Jay <jay.krabacher@state.co.us>
To: Joshua.Gossanyi@shell.com

Mon, Jun 17, 2013 at 3:33 PM

Thanks Josh.

Jay K

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