

Catherine Dickert

From: Andrews - DNR, Dave <david.andrews@state.co.us>
Sent: Tuesday, October 27, 2015 8:21 AM
To: Catherine Dickert; Sarah Freeman - DNR
Cc: jay.krabacher@state.co.us; Greg Vick (rigreports2@mvci.biz); Barbara Westerdale - DNR; Chuck Browning - DNR; Steve Labowskie - DNR
Subject: Re: unplanned sidetrack Falcon Seaboard 11-90-12 #5 (05-051-06139)
Attachments: unplanned sidetrack approx BHL 10262015.pdf; WBD Falcon Seaboard 11 90 12 5 HZ Well Plugged Original Hole10262015.pdf; Statewide UNPLANNED Sidetrack Approval Reporting_9_16_2015.pdf

Catherine,

This email confirms the verbal approval to perform an unplanned sidetrack that I granted during our telephone conversation yesterday. Thanks for the additional details in your email. I mentioned an October 7 revision to the Statewide Sidetrack Guidance Document yesterday, but it is not posted on our website yet, and our permitting staff informed me that the revisions did not impact the operator submittal portions of the document. Therefore, please follow the attached September 16 version of the Statewide Sidetrack Guidance Document, and coordinate with Sarah Freeman (COGCC Permitting Tech, Denver Office) on the required submittals.

The BHL is changing. Therefore, my verbal approval to proceed is contingent upon the assumption that the BHL and wellbore path remain at a legal location for completion (COGCC permitting staff will evaluate prior to formal approval of the forthcoming Application for Permit to Drill a Sidetrack Wellbore, Form 2). If the BHL or the productive portion of the sidetrack wellbore extends into locations that are not legal, then SG Interests may have to plug back portion(s) of the well that are not legal or obtain waivers from offset mineral interests.

Sarah,

The following RemindmE has been added to the well file: "Dave Andrews provided verbal approval for a request to sidetrack on 10/26/2015. See scanned email correspondence for details." Jay Krabacher is familiar with this sidetrack request, and he will process the engineering task on the Sidetrack Form 2. You do not need to add a task for me in this case.

Thanks,

Dave

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Region



On Mon, Oct 26, 2015 at 3:51 PM, Catherine Dickert <cdickert@sginterests.com> wrote:

Dave and Jay,

Please see our information on the unplanned sidetrack that is necessary at the Falcon Seaboard 11-90-12 #5 (05-051-06139).

i. Explanation of the situation that has resulted in the need to sidetrack - The well was TD-ed at 13,870'. Attempted to run the production casing, but it wouldn't reach the TD. Started out of the hole and the casing became stuck. The casing was then cut and we attempted to remove it with jars. After at least 24 hours of using jars in an attempt to remove the cut-off casing, the fish would move a little, but would not come free. SG could not pump cement through the fish and therefore it was used as a base for the cement plug that we will use as a KOP for the sidetrack.

ii. Total measured depth reached in the wellbore being plugged back – 13,870'

iii. Casing set – size(s) and measured depth(s)

conductor

20", 80'

surface casing

13 3/8", 575'

intermediate casing

9 5/8", 5503'

Production casing

See wellbore diagram dated 10/26/15.

iv. Description of fish in the hole (if any) – including top and bottom measured depths piece of cut-off casing - top 8,425' bottom 10,195'

v. Description of proposed plugs: setting measured depths, heights, and cement volumes - 7550' to 8,390', 800' plug, 305 sks

vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk) class g, 1.05 cf/sk, 16.5 lb/g

vii. Measured depth of proposed sidetrack kick-off point 7,765'

viii. Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned - same as original, Mancos

ix. BHL target for sidetrack hole – new or same as the wellbore being abandoned (NOTE: a change in the BHL must be reviewed and approved by COGCC Permitting prior to completing the sidetrack. Drilling a sidetrack to an unapproved BHL could result in an NOAV, plugging the well, or both). New BHL will be approximately 100' east of the original location, see marked up plat attached.

Please contact me if you have any questions. I will forward a copy of the Form 2 tomorrow. Thank you.

Catherine Dickert

Environmental and Permitting Manager

SG Interests

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