



02055387

Andrews, David

From: Andrews, David
Sent: Thursday, January 05, 2012 5:11 PM
To: 'Jeff Overman'
Cc: Troy Schindler; Tracey Fallang; Mary Pobuda; Westerdale, Barbara; King, Kevin; Stanczyk, Jane
Subject: RE: GGU Kaufman 22D-30-691 Unplanned Sidetrack Approval
Attachments: Industry Guidance UNPLANNED Sidetrack Approval & Reporting Rev 09-22-2011.pdf

Jeff,

This email confirms my verbal approval to proceed, as discussed on the phone today. BBC should submit the forms described on the attached guidance document to COGCC's Denver office. Please coordinate your submittals (hard copies and/or eForm submittals) with COGCC's permit tech, Barbara Westerdale. I will be out tomorrow. If there are any significant changes beyond those shown below, then please call Kevin King (COGCC engineer) at (303) 894-2100 Ext. 5173.

Condition of Approval: Tag cement plug top at 5000' to verify depth, and include tag depth on contractor cement ticket. After any settling, at least 100' cement above the casing cut is required for isolation of the lower portion of the wellbore.

Thanks,

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

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From: Jeff Overman [<mailto:joverman@billbarrettcorp.com>]
Sent: Thursday, January 05, 2012 4:07 PM
To: Andrews, David
Cc: Troy Schindler; Tracey Fallang; Mary Pobuda
Subject: GGU Kaufman 22D-30-691 Unplanned Sidetrack Approval

Mr. Andrews,

Here is the preliminary information on the GGU Kaufman 22D-30-691 API# 05-045-20738 to obtain a verbal approval for a sidetrack. Appropriate surveys, cement info, and other information will be provided with regulatory forms unless you request them and I will send them to you. A more detailed plug back procedure can be provided once I get with the cement engineer and I can send that to you as soon as we get the details figured out. If you have any question please contact me anytime. Thanks.

1. OPERATOR

- a. Contact (by phone & email) the COGCC Engineering Supervisor to request approval to sidetrack
Contacted David Andrews COGCC Engineer on 1/5/2012 at approx.. 2:30 pm to inform him of situation via telephone

- b. Provide all of the following information (preferably by email)
- i. Explain the situation that has resulted in the need to sidetrack
A directional plan miscommunication resulted in a wellbore that missed target
 - ii. Total depth reached
8485' MD
 - iii. Casing set – size(s) and depth(s)
4 ½" csg landed at 8475' MD to surface and cemented to 8475' MD to 5404' MD (top of cement @ 5404' MD)
9 5/8" csg set from 775' MD to surface
 - iv. Description of fish in the hole (if any) – including top and bottom
No fish in hole
 - v. Proposed plug setting depths, heights, and cement volumes
4 ½" csg is going to be cut around 5200' MD
Cement plug set from 5200' MD (or where ever csg is cut) to 5000' MD Calculated fill will be 83.5 ft³
Kick off cement plug set from 825' MD to 725' MD (50' inside surface csg and 50' outside csg shoe in open hole) calculated fill will be 42.5 ft³
 - vi. Proposed sidetrack kick-off point
800' MD
 - vii. Proposed objective formation(s) for sidetrack hole – new or same as original hole
Same as original hole
 - viii. BHL Target for sidetrack hole – new or same as original hole (NOTE: a change in the BHL must be reviewed and approved by COGCC Permitting. Drilling a sidetrack to an unapproved BHL could result in an NOAV, plugging the well, or both.)
Same as original hole

*Jeff Overman
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Drilling Engineer
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