

Callie Fiddes

From: Burn - DNR, Diana <diana.burn@state.co.us>
Sent: Tuesday, March 21, 2017 10:04 AM
To: Matt Mount; mike.hickey@state.co.us; Barbara.westerdale@state.co.us; penny.garrison@state.co.us
Cc: DeAnna Baird; Callie Fiddes
Subject: Re: Kodak South FD 25-241HC - Unplanned Sidetrack - API# 05-123-44116

Please proceed as proposed.

Thanks,
Diana

On Mar 21, 2017 9:22 AM, "Matt Mount" <mmount@gwogco.com> wrote:

Diana

Good morning. I left a message on your phone regarding the unplanned sidetrack of the above referenced horizontal Codell well.

Please review the following information.

- i. An 8-1/2" hole was drilled to the a depth of 13,012' / 7095' MD/TVD. A large grabben structure resulted in approximately 3000' of the lateral being located in the Fort Hayes instead of the Codell sand.
- ii. Great western will carry out an open hole sidetrack and re-drill the well so that it reduces the distance spent the Fort Hayes.
- iii. Operations carried out to date:
 - a. 13-1/2" surface hole was drilled to 1536' MD/TVD.
 - b. 9-5/8" surface casing was run and cemented at 1536' MD/TVD.
 - c. 8-1/2" hole was drilled to a depth of 13,012' / 7095' MD/TVD.
- iv. No fish will be left in the hole.
- v. No cement plugs will be set.
- vi. No cement plugs will be set.
- vii. Estimated sidetrack point will be 7530' / 7077' MD/TVD.

viii. The proposed objective formation will not be changed and will be the Codell.

ix. To avoid intersecting the original hole, the sidetrack wellbore and the BHL for the sidetrack will be moved approximately 25' to the South as shown in the attachment. The mineral interest owners will not change from the original wellbore.

Additional paperwork and electronic forms/reports related to this sidetrack will be submitted as required.

Please respond with COGCC approval to proceed with the sidetrack. As mentioned in my phone message, if things go according to plan, then we should be starting the sidetrack operations early this afternoon.

Let me know if there are any questions or if additional information is required. Thank you



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