

Koepsell, Arthur

From: Kovacik, Georgina [Georgina.Kovacik@pxd.com]
Sent: Thursday, May 19, 2011 12:00 PM
To: Koepsell, Arthur
Subject: RE: FIREHAWK 34-26 TR Form 2A Document #400161687, Pioneer

Yes, the changes are and the COA's are ok.

Thanks,

Georgina Kovacik

From: Koepsell, Arthur [<mailto:Arthur.Koepsell@state.co.us>]
Sent: Thursday, May 19, 2011 11:39 AM
To: Kovacik, Georgina
Subject: RE: FIREHAWK 34-26 TR Form 2A Document #400161687, Pioneer

Georgina,

Could you approve the changes and COAs for this location. I have received the requested drawings and everything looks good for the location.

Thanks,

Arthur

Arthur W. Koepsell, P.G.
Oil & Gas Location Assessment Specialist
Southern Area

Oil and Gas Location Assessment
Colorado Oil and Gas Conservation Commission
1120 Lincoln St. Suite 801
Denver Colorado 80203
Phone (303) 894-2100 ext. 5148

From: Kovacik, Georgina [<mailto:Georgina.Kovacik@pxd.com>]
Sent: Friday, May 06, 2011 9:13 AM
To: Koepsell, Arthur
Subject: RE: FIREHAWK 34-26 TR Form 2A Document #400161687, Pioneer

Hi Arthur,

I am waiting to get the Location cross sections that you requested, we should get it sometime next week, but as soon as I get it I will forward it to you.

Thanks,

Have a great weekend,

Georgina Kovacik

From: Koepsell, Arthur [<mailto:Arthur.Koepsell@state.co.us>]
Sent: Thursday, May 05, 2011 10:03 AM
To: Kovacik, Georgina
Subject: FIREHAWK 34-26 TR Form 2A Document #400161687, Pioneer

Georgina,

The COGCC is reviewing the Form 2A (#400161687) for the FIREHAWK 34-26 TR location, located in the SWSE Sec 26 T32S R66W Las Animas County, Colorado. The COGCC requests the following changes regarding the data submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA).

1. Soil: A review of soil information on the COGCC website indicates that the Gulnare-Allens Park complex, 5 to 35 percent slopes is present on the site and well as the report Trujillo-Sandy Loam, 3 to 9% slopes.
 - The COGCC requires that the Gulnare-Allens Park complex, 5 to 35 percent slopes be added to the Form 2A.
2. Sensitive area: Due to the Gulnare-Allens Park complex, 5 to 35 percent slopes soil type the site should be considered a sensitive area.
3. Please provide Location cross sections. The topography prior to construction of pad was greater than a 10 percent slope, therefore the location cross sections are required under rule 303 d.(3) H.
4. **Conditions of Approval:** The following conditions of approval (COAs) will apply to the FIREHAWK 34-26 TR:
 - Prior to putting production pits into service Pioneer shall submit an Earthen Pit Report/Permit Form 15 to the Director for approval in accordance with rule 903.a.. No production water shall be placed in a pit without a pre-approved form 15.
 - Location is in a sensitive area because of potential for adverse impacts to ground water/surface water; therefore all pits will be lined.
 - Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to prevent a release of drilling, completion, produced fluids, or chemical products from migrating off the location.
 - Reference area pictures shall be provided to the COGCC within 12 months of approval of the form 2A.

These COAs are consistent with Pioneer's proposed oil and gas operations, however, COGCC would appreciate your concurrence with the COA prior to passing the OGLA review.

If you have any questions or concerns, please do not hesitate to contact me.

Thanks,

Arthur

Arthur W. Koepsell, P.G.
Oil & Gas Location Assessment Specialist

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