

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, December 23, 2009 12:31 PM
To: Kubeczko, Dave
Subject: FW: Pioneer Natural Resources, Hellzapoppin 24-32 TR, SESW Sec 32 T32S R66W, Las Animas County, Form 2A (#400017599) Review

Scan No 2032730 CORRESPONDENCE 2A#400017599

From: Kovacik, Georgina [mailto:Georgina.Kovacik@pxd.com]
Sent: Wednesday, December 23, 2009 9:22 AM
To: Kubeczko, Dave
Subject: RE: Pioneer Natural Resources, Hellzapoppin 24-32 TR, SESW Sec 32 T32S R66W, Las Animas County, Form 2A (#400017599) Review

The COA are ok.

Georgina Kovacik
PNR

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Tuesday, December 22, 2009 5:11 PM
To: Kovacik, Georgina
Subject: Pioneer Natural Resources, Hellzapoppin 24-32 TR, SESW Sec 32 T32S R66W, Las Animas County, Form 2A (#400017599) Review

Georgina,

I have been reviewing the Hellzapoppin 24-32 TR **Form 2A** (#400017599). COGCC requests the following clarifications regarding the data Pioneer has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment.

1. **Soils (Section 12):** The soil type listed on the Form 2A is Gulnare-Allens Park Complex 5 to 35 percent slopes. Due to the fractured nature of the Gulnare, the following condition of approval (COA) will apply:
COA 6 - Location is in a sensitive area because of potential for adverse impacts to groundwater; therefore all pits must be lined.
1. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 24 feet bgs for a well located 985 feet from the proposed pad. There are also other nearby water wells screened in the shallow aquifer with water levels ranging from 20 to 32 feet bgs. Although the depth to groundwater cannot be confirmed to be less than 20 feet bgs at this location, the potential exists for surface releases to reach groundwater due to the potentially permeable nature of the unconsolidated materials and underlying fractured bedrock in this area; therefore, the following conditions of approval (COAs) will apply:
COA 2 - Location may be in a sensitive area due to shallow groundwater; therefore the drilling pit must be lined or a closed loop system must be used.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. If you have any questions, please do not hesitate to call me at (970) 625-2497 x5 (office) or (970) 309-2514 (cell), or email. Thanks.

Dave

David A. Kubeczko, PG
Oil and Gas Location Assessment Specialist

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