

Koepsell, Arthur

From: Kovacik, Georgina [Georgina.Kovacik@pxd.com]
Sent: Wednesday, December 08, 2010 10:23 AM
To: Koepsell, Arthur
Subject: RE: Clave 43-11 Form 2A Document #400113761, Pioneer
Attachments: Location_Clave_43-11.pdf

Hi Arthur,

Please change the water level to 87 feet. Attached you will find the corrected location drawing.

Also the COA's are ok.

Thanks,

Georgina Kovacik

From: Koepsell, Arthur [<mailto:Arthur.Koepsell@state.co.us>]
Sent: Tuesday, December 07, 2010 8:52 AM
To: Kovacik, Georgina
Subject: Clave 43-11 Form 2A Document #400113761, Pioneer

Georgina,

The COGCC is reviewing the Form 2A (#400113761) for the Pioneer Clave 43-11 location, located in the NESE Sec 11 T3S 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. **Water Resources:** The well referenced in the form 2A (Water Well permit # 3605888) is a stream bottom and does not reflect the hydrologic condition at the proposed oil and gas location. A more representative water level for the location is 87 feet found at well permit # 220596.
 - The COGCC proposes the changing the water level to 87 feet.
2. Location drawing: Pioneers locations drawings need to show the 400 foot improvement from the perimeter of the proposed disturbed area not from a well head.
 - Please have submit a corrected drawing to the COGCC
3. The following conditions of approval (COAs) will apply at the Clave 43-11 location:
 - 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 of the oil and gas location.
 - 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.

- Due to the Gulnare soil type the following will apply: Location is in a sensitive area because of potential for adverse impacts to ground water/surface water; therefore all pits will be lined.

These COAs are consistent with Pioneers 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
Southern Area

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