

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Thursday, November 19, 2009 10:00 AM  
**To:** Kubeczko, Dave  
**Subject:** FW: Pioneer Natural Resources, Wildfire 41-10, NENE Sec 10 T33S R66W, Las Animas County, Form 2A (#400010811) Review  
**Attachments:** BMP's for COGCC APD\_Lined.pdf

Scan No. 2032658      CORRESPONDENCE      Form 2A #400010811

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**From:** Kovacik, Georgina [mailto:Georgina.Kovacik@pxd.com]  
**Sent:** Tuesday, November 17, 2009 11:24 AM  
**To:** Kubeczko, Dave  
**Subject:** RE: Pioneer Natural Resources, Wildfire 41-10, NENE Sec 10 T33S R66W, Las Animas County, Form 2A (#400010811) Review

Hi Dave,

Regarding the Wildfire 41-10

1. Please change the reclamation date to 7/20/2010, the construction date should be 4/20/2010.
2. Please go ahead and change the depth to groundwater.

Attached you will find the proposed BMP's for this well.

Please let me know if you need anything else from me regarding these permits.

Thanks,

Georgina Kovacik  
PNR

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**From:** Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]  
**Sent:** Monday, November 16, 2009 4:08 PM  
**To:** Kovacik, Georgina  
**Subject:** Pioneer Natural Resources, Wildfire 41-10, NENE Sec 10 T33S R66W, Las Animas County, Form 2A (#400010811) Review

Georgina,

I have been reviewing the Wildfire 41-10 (#400010811) **Form 2A**. 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. **Construction (Section 6):** The dates for construction and interim reclamation appear to be switched. Can you confirm this. I can make the change if you send an email with this request.
1. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 102 feet bgs for a well located 1745 feet away from the proposed pad. COGCC's review indicates there is a water well (Permit No. 180264663-Nicholson, domestic/stock well) to the west-northwest, with a total depth of 102 feet bgs, a depth to groundwater of 24 feet bgs, and a pumping rate of 5 gpm. I believe this is the well you located. The number that comes up on our GIS map is 102 feet (this number often pertains to the total depth of the well, not the depth to groundwater). I can make the change if you send me an email with this request. 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 if drilling pits intercept groundwater the pit must be lined or a closed loop system must be used.

**COA 5** - Operator must implement best management practices to contain any unintentional release of fluids.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. The other issues are very minor and I would like to get this passed. 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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