

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Tuesday, December 15, 2009 9:25 AM
To: Kubeczko, Dave
Subject: FW: Pioneer Natural Resources, Rattler 33-23 Tr, NWSE Sec 23 T33S R67W, Las Animas County, Form 2A (#400011819) Review
Attachments: SR.pdf

Scan No 2032697 CORRESPONDENCE 2A#400011819

From: Kovacik, Georgina [mailto:Georgina.Kovacik@pxd.com]
Sent: Wednesday, December 09, 2009 12:47 PM
To: Kubeczko, Dave
Subject: RE: Pioneer Natural Resources, Rattler 33-23 Tr, NWSE Sec 23 T33S R67W, Las Animas County, Form 2A (#400011819) Review

Hi Dave,

1. Construction date: 4/26/2010, interim reclamation date: 7/26/2010 size of disturbed area after reclamation date: 0.5 acres.
2. This is what our surveyor found: Rattler – S63°08'33"W – 1010 ft±, the Wet Canyon Site.
3. Please find the correct soil attachment.
4. Please change the distance to nearest surface water to 645 ft.
5. Please change the static water level to 484 ft.
6. Regarding the cut and fill, our field coordinator and surveyor don't think this rule applies in this specific location.

Please let me know if you need anything else from me regarding this application,

Thanks,

Georgina Kovacik
PNR

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Monday, November 16, 2009 2:08 PM
To: Kovacik, Georgina
Subject: Pioneer Natural Resources, Rattler 33-23 Tr, NWSE Sec 23 T33S R67W, Las Animas County, Form 2A (#400011819) Review

Georgina,

I have been reviewing the Rattler 33-23 Tr (#400011819) **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. In addition, the size of the disturbed area during construction (1.00 acres) and size of location after interim reclamation (1.00 acres) are the same. I would think that after interim reclamation, the disturbed area would be less. Can you please confirm what these sizes are. The post-construction elevation (7323 feet msl) is 57 feet higher than the current elevation (7266 feet msl). Can you indicate what the post-construction elevation will be. I can make the changes if you send an email with these requests.

2. **Cultural (Section 9):** The Form 2A indicates a distance to the nearest building and above ground utility of 1000 feet; COGCC review of the 2005 aerial photograph could not identify this structure nor the above ground utility. Can you confirm the direction for these.
3. **Soils (Section 12):** The Form 2A indicates the soils to be Saruche-Rombo-Rock Outcrop Complex; however the attachment does not have this description. I can add this attachment a distance to the nearest building and above ground utility of 1000 feet; COGCC review of the 2005 aerial photograph could not identify this structure nor the above ground utility. Can you confirm the direction for these.
4. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 565 feet. According to the attached hydrology map, the distance to the nearest surface water is 645 feet to the west. I can make the change if you send an email with this request.
5. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 985 feet bgs for a well located 3640 feet away from the proposed pad. COGCC's review indicates there is a water well (Permit No. 264663-Nicholson, domestic/stock well) to the north-northwest, with a total depth of 985 feet bgs, a depth to groundwater of 484 feet bgs, and a pumping rate of 4.6 gpm. I believe this is the well you located. The number that comes up on our GIS map is 985 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.
6. **Rule 303.d.(3).H.:** Where the location disturbance is to occur on lands with a slope ten percent (10%) or greater, a construction layout drawing showing cut and fill areas, and a location cross-section plot showing cut and fill areas, as well as locations of any pits is required. The construction layout drawing should also show the locations of existing facilities and the anticipated locations of new facilities. The following conditions of approval (COAs) will apply to this permit if a pit is located within fill material:
 - COA 5** - Operator must implement best management practices to contain any unintentional release of fluids.
 - COA 6** - Due to the potential instability and high permeability of fill material, any drilling pit constructed within fill material must be lined.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. The other issues are overall, minor changes 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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