

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, November 11, 2009 9:14 AM
To: Kubeczko, Dave
Subject: FW: Kerr-McGee Rural 36-31, SWSE Sec T4N R65W, Weld County, Form 2A #400003556 Review

Scan No. 2032647 CORRESPONDENCE Form 2A #400003556

From: Light, Cheryl [mailto:Cheryl.Light@anadarko.com]
Sent: Tuesday, November 10, 2009 5:04 PM
To: Kubeczko, Dave
Subject: RE: Kerr-McGee Rural 36-31, SWSE Sec T4N R65W, Weld County, Form 2A #400003556 Review

Please make the changes and we will use a closed-loop system on the wells.

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Tuesday, November 10, 2009 4:45 PM
To: Light, Cheryl
Subject: Kerr-McGee Rural 36-31, SWSE Sec T4N R65W, Weld County, Form 2A #400003556 Review

Cheryl,

I have been reviewing the Rural 36-31 Form 2A (#400003556). COGCC requests the following clarifications regarding the data Kerr-McGee has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment.

1. **Cultural (Section 9):** Form 2A indicates the distance to the nearest railroad is 24560 feet. COGCC review indicates the nearest railroad to be approximately 19852 feet to the northwest. I can make this change if you send an email with this request.
2. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 75 feet bgs for a well located 992 feet away from the proposed pad. COGCC's review indicates there is a water well (Permit No. 18587-F-Rains, domestic/stock well) located 992 feet to the southwest, with a total depth of 75 feet bgs and a depth to groundwater of 22 feet bgs. The number that comes up on our GIS map is 75 feet (this number often pertains to the total depth of the well, not the depth to groundwater). I can make this change if you send me an email with this request. Based on depth to groundwater of 22 feet bgs, as well as the highly permeable nature of the near surface unconsolidated materials in this area (loose sand and gravels), COGCC guidelines require designating all locations with shallow groundwater (i.e., less than 20 feet) a **sensitive area**. Although the depth to groundwater cannot be confirmed to be less than 20 feet bgs at this location, 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 requires your written approval of these COAs 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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