

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Tuesday, August 24, 2010 5:07 PM
To: Kubeczko, Dave
Subject: FW: EnCana Oil & Gas (USA), Rose Ranch 23-4D (A22W) Pad, NENE Sec 22 T7S R93W, Garfield County, Form 2A (#400077180) Review

Scan No 2033320 CORRESPONDENCE 2A#400077180

From: Pfister, Miracle [mailto:Miracle.Pfister@encana.com]
Sent: Monday, August 23, 2010 9:45 AM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), Rose Ranch 23-4D (A22W) Pad, NENE Sec 22 T7S R93W, Garfield County, Form 2A (#400077180) Review

Hello! Encana is agreeable to the COAs listed below for the A22W pad.

Thanks,

Miracle Pfister
Regulatory Analyst
EnCana Oil & Gas (USA) Inc
720-876-3761 office
303-419-5294 cell

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Thursday, August 12, 2010 1:47 PM
To: Pfister, Miracle
Subject: FW: EnCana Oil & Gas (USA), Rose Ranch 23-4D (A22W) Pad, NENE Sec 22 T7S R93W, Garfield County, Form 2A (#400077180) Review

Miracle,

I am resending this Form 2A review email as I have not seen a reply. I know COGCC had email issues for several days. Please review at your convenience. Thanks.

Dave

From: Kubeczko, Dave
Sent: Friday, July 30, 2010 12:10 PM
To: 'Pfister, Miracle'
Subject: EnCana Oil & Gas (USA), Rose Ranch 23-4D (A22W) Pad, NENE Sec 22 T7S R93W, Garfield County, Form 2A (#400077180) Review

Miracle,

I have been reviewing the Rose Ranch 23-4D (A22W) **Form 2A** (#400077180). Since a Form 2 (#01160812) for this well location was submitted previously (03-23-2004) and approved (04-16-2004), this is not considered a New Location on the Form 2A, but rather an Amend Existing Location (Location #334755). I have made this change. COGCC requests the following clarifications regarding the data EnCana Oil & Gas (USA) has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA).

1. **Soils (Section 12):** Form 2A indicates that the primary soil type is Map #50 – Olney Loam, 3 to 6 percent slopes. In the future, COGCC would appreciate the more detailed “Map Unit Description” report be attached to the Form 2A permit (COGCC has attached this report). This information will be very helpful to our reclamation inspectors during the interim reclamation period.
2. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 336 feet. COGCC guidelines also require designating all locations within close proximity to surface water (the exact distance varies with the location and takes into consideration soil type, surface geology, initial grade/topographic slope, the grade/topographic slope adjacent to the location, vegetative cover, as well as other factors) a **sensitive area** and requiring the following conditions of approval (COAs):
 - COA 4** - Location is in a sensitive area because of close proximity to surface water, therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.
 - COA 5** - Operator must implement best management practices to contain any unintentional release of fluids.
3. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 12 feet bgs for a well located 533 feet from the proposed well pad. COGCC guidelines require designating all locations with close proximity of a domestic water well (1/8 mile or 660 feet) and shallow groundwater a **sensitive area**. The following conditions of approval (COA) will apply:
 - COA 7** - Location is in a sensitive area because of proximity to a domestic water well and shallow groundwater; therefore either a lined drilling pit or closed loop system must be implemented.
 - COA 8** - Location is in a sensitive area because of proximity to a domestic water well and shallow groundwater; therefore production pits (if constructed) must be lined.
4. **General:** The following condition of approval (COA) will also apply:
 - COA 38** - The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.
 - COA 39** - No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

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) 309-2514 (cell), or email. Thanks.

Dave

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

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