

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, March 24, 2010 9:29 AM
To: Kubeczko, Dave
Subject: FW: Resend of Delta Petroleum, BCU Pad 13A, NENE Sec 13 T9S R93W, Mesa County, Form 2A #400035665 Review

Scan No 2032997 CORRESPONDENCE 2A#400035665

From: Kallasandra Moran (Contract - Temp) [mailto:kmoran@deltapetro.com]
Sent: Wednesday, March 17, 2010 4:12 PM
To: Kubeczko, Dave
Subject: RE: Resend of Delta Petroleum, BCU Pad 13A, NENE Sec 13 T9S R93W, Mesa County, Form 2A #400035665 Review

Dave,

I concur with the COA's for the BCU 13A pad.

Thanks,

Kallasandra M. Moran
Permit Representative
Delta Petroleum

(303) 575-0323
KMoran@DeltaPetro.com

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Wednesday, March 17, 2010 12:40 PM
To: Kallasandra Moran (Contract - Temp)
Subject: Resend of Delta Petroleum, BCU Pad 13A, NENE Sec 13 T9S R93W, Mesa County, Form 2A #400035665 Review

Kallasandra,

I have been reviewing the BCU Pad 13A **Form 2A** (#400035665). COGCC requests the following clarifications regarding the data Delta Petroleum has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA).

1. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 344 feet. COGCC guidelines require designating all locations within close proximity to surface water (i.e., less than 500 feet) a **sensitive area**. The following conditions of approval (COAs) will apply:
COA 4 - Location is in a sensitive area because of 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. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.
COA 5 - Operator must implement best management practices to contain any unintentional release of fluids.
2. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 5 feet bgs for a well located 633 feet from the proposed well. COGCC's guidelines require designating all locations within close proximity within 1/8 of a mile (660 feet) of a domestic water well and shallow groundwater (i.e., less than 20 feet bgs) a **sensitive area**. The following conditions of approval (COAs) will apply:

COA 7 - Location is in a sensitive area because of shallow groundwater and proximity to a domestic water well; 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; therefore production pits must be lined.

3. **General:** Due to the permeable nature of the surface material in the area, the following conditions of approval (COAs) will 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) 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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