

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, February 17, 2010 1:21 PM
To: Kubeczko, Dave
Subject: FW: EnCana Oil & Gas (USA), Hittle Cattle Company 1-4H2 (PL 1NW), NWNW Sec 1 T10S R96W, Mesa County, Form 2A (#400001233) Review

Importance: High

Scan No 2032859 CORRESPONDENCE 2A#400001233

From: Spector, DeAnne M. [mailto:DeAnne.Spector@encana.com]
Sent: Wednesday, February 17, 2010 10:56 AM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), Hittle Cattle Company 1-4H2 (PL 1NW), NWNW Sec 1 T10S R96W, Mesa County, Form 2A (#400001233) Review
Importance: High

Dave,

Sorry for the delay, my answers are in RED.

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Wednesday, January 27, 2010 6:39 PM
To: Spector, DeAnne M.
Subject: EnCana Oil & Gas (USA), Hittle Cattle Company 1-4H2 (PL 1NW), NWNW Sec 1 T10S R96W, Mesa County, Form 2A (#400001233) Review

DeAnne,

I have been reviewing the Hittle Cattle Company 1-4H2 (PL 1NW) (#400001233) **Form 2A**. COGCC requests the following clarifications regarding the data EnCana Oil & Gas has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment.

1. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 550 feet. According to the attached hydrology map, the distance to the nearest surface water is 529 feet to the southwest. I can make the change if you send an email with this request. COGCC guidelines require designating all locations with close proximity to surface water (i.e., less than 500 feet) a **sensitive area** and requiring the following conditions of approval (COAs): **I made a typo on this field, you are correct that it should be 529'. COAs are OK.**
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.
2. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 269 feet bgs for a well located 3092 feet from the well pad. COGCC's review did find one water well (Permit No. 274662-Frey, domestic well) located 3092 feet to the south, with a total depth of 480 feet bgs, but no other information. There is another water well (Permit No. 216178-Adkins, domestic well) located 7710 feet to the south, with a total depth of 480 feet bgs, a depth to groundwater of 334 feet bgs, and a pumping rate of 2 gpm. This well may be more indicative of site groundwater conditions. I can make the change

if you send an email with this request. Please use well permit # 274662-Frey, that is 3092' to the South. As I stated previously, we thought the distance had to be within the 1000' buffer. The COGCC has cleared this up for us.

3. **Rule 303.d.(3).F.ii.aa and bb:** Since the current and future land uses are non crop land (rangeland), four (each of the cardinal directions) color photographs taken during the growing season of the reference area are required within 12 months of the Form 2A permit application date (11/12/2009). I have scheduled the field to take location photos during the growing season.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. The other issues also need to be addressed. 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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