

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Friday, March 25, 2011 2:36 PM  
**To:** Kubeczko, Dave  
**Subject:** FW: EnCana Oil & Gas (USA), MCU 16-13A (M16W) Pad, SESW Sec 16 T7S R93W, Garfield County, Form 2A (#400130323) Review

Scan No 2033668      CORRESPONDENCE      2A#400130323

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**From:** Spector, DeAnne M. [mailto:DeAnne.Spector@encana.com]  
**Sent:** Friday, March 11, 2011 3:55 PM  
**To:** Kubeczko, Dave  
**Subject:** FW: EnCana Oil & Gas (USA), MCU 16-13A (M16W) Pad, SESW Sec 16 T7S R93W, Garfield County, Form 2A (#400130323) Review

Dave,

I do not have the permit approvals back from the BLM yet, but the stip period should be 12/1 - 4/30. The approved APDs will contain their COAs.

Please let me know if you need any further clarification on anything.

thank you

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**From:** Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]  
**Sent:** Wednesday, March 09, 2011 4:55 PM  
**To:** Spector, DeAnne M.  
**Subject:** EnCana Oil & Gas (USA), MCU 16-13A (M16W) Pad, SESW Sec 16 T7S R93W, Garfield County, Form 2A (#400130323) Review

DeAnne,

I have been reviewing the MCU 16-13A (M16W) Pad **Form 2A** (#400130323). COGCC requests the following clarifications regarding the data Burlington EnCana Oil & Gas has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review. In addition, COGCC would like to attach the following conditions of approval (COAs) to the Form 2A.

1. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 1320 feet. COGCC's rules state that the distance to the nearest surface water should reflect intermittent (this includes ephemeral streams, irrigation ditches, drainages), as well as, perennial streams. COGCC's review indicates an intermittent stream located approximately 681 feet to the north. I can make the change if you send an email with this request. [I agree](#)
1. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 105 feet bgs for a well located 4730 feet from the proposed well pad. COGCC's review indicates there is a water well (Permit No. 119511-Parker, stock well) located approximately 4691 feet to the northeast with no information available. I believe this is the well you located. COGCC did find another water well (Permit No. 265741-EnCana Oil & Gas [USA], monitoring well) located approximately 5250 feet to the north-northwest, with a total depth of 130 feet bgs and a depth to groundwater of 88 feet bgs. I believe this well is indicative of groundwater conditions in this area. I can make the change if you send me an email with this request. [I agree](#)
2. **General:** The following condition of approval (COA) will apply: [I agree with all COAs](#)

**COA 5** - Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.

**COA 23** - Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

**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 25** - Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)).

**COA 58** - Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.

COGCC would appreciate your concurrence with attaching these COAs (item 3) to the Form 2A permit prior to passing the OGLA review. **OK** The other issues (items 1 and 2) also need to be addressed prior to permit approval. **In addition, could EnCana provide COGCC with the COAs and wildlife stipulations that BLM has attached to this location.** 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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