



Kubeczko - DNR, Dave <dave.kubeczko@state.co.us>

EnCana Oil & Gas (USA), Shideler 19-16C (O19EB) Pad, SWSE Sec 19 T7S R92W, Garfield County, Form 2A (#400340728) Review

Kubeczko - DNR, Dave <dave.kubeczko@state.co.us>
To: Dave Kubeczko - DNR <dave.kubeczko@state.co.us>

Fri, Nov 30, 2012 at 9:29 AM

Scan No 1293083 CORRESPONDENCE 2A#400340728

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From: **Lamond, Bonnie** <Bonnie.Lamond@encana.com>

Date: Thu, Nov 29, 2012 at 8:50 AM

Subject: RE: EnCana Oil & Gas (USA), Shideler 19-16C (O19EB) Pad, SWSE Sec 19 T7S R92W, Garfield County, Form 2A (#400340728) Review

To: "Kubeczko, Dave" <dave.kubeczko@state.co.us>

Dave,

Encana Oil & Gas (USA) Inc. has read the assigned COA's for the O19EB and concurs. Encana will forward any COA and wildlife stipulations assigned by the BLM on to the State.

Best regards,

Bonnie

Bonnie Lamond

Permitting Technician, South Piceance

South Rockies Business Unit

Encana Oil & Gas (USA) Inc.

720.876.5156

Please note some of Encana offices are closed the first and third Friday of each month.

From: Kubeczko, Dave [mailto:dave.kubeczko@state.co.us]

Sent: Wednesday, November 28, 2012 12:08 PM

To: Lamond, Bonnie

Subject: EnCana Oil & Gas (USA), Shideler 19-16C (O19EB) Pad, SWSE Sec 19 T7S R92W, Garfield County, Form 2A (#400340728) Review

Bonnie,

I have been reviewing the Shideler 19-16C (O19EB) Pad **Form 2A** (#400340728). COGCC would like to attach the following conditions of approval (COAs) to the Form 2A based on the data EnCana has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

1. **General:** The following conditions of approval (COAs) will apply:

COA 91 - Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).

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

COA 44 - The access road will be constructed to prevent sediment migration from the access road to nearby surface water or any drainages leading to other nearby surface waters or wetlands areas.

COA 23 - Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations (as shown on the Construction Layout Drawings attachment); 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 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, if the drill cuttings are to be left onsite, they must also meet the applicable standards of table 910-1.

COA 25 - Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment 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.

COA 58 - Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. 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

Colorado Oil & Gas Conservation Commission

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