

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Tuesday, July 09, 2013 5:32 PM
To: dave.kubeczko@state.co.us
Subject: FW: EnCana Oil & Gas (USA) Inc, Rose K22W Pad, NESE Sec 22 T7S R93W, Garfield County, Form 2A#400439904 Review

Categories: Operator Correspondence

Scan No 2106689 CORRESPONDENCE 2A#400439904

From: Kubeczko - DNR, Dave [mailto:dave.kubeczko@state.co.us]
Sent: Tuesday, July 09, 2013 4:51 PM
To: Mitchell, Heather R.
Subject: Re: EnCana Oil & Gas (USA) Inc, Rose K22W Pad, NESE Sec 22 T7S R93W, Garfield County, Form 2A#400439904 Review

Heather,

You are correct, Rule 609 is one-half mile, not a mile. I have revised COA 9 on the Form 2A.

If you have any question, please call me on my cell phone at (970) 309-2514, or email me. Thanks.

Dave

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

Colorado Oil & Gas Conservation Commission
Northwest Area Office
796 Megan Avenue, Suite 201
Rifle, CO 81650
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dave.kubeczko@state.co.us

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On Tue, Jul 9, 2013 at 4:30 PM, Mitchell, Heather R. <Heather.Mitchell@encana.com> wrote:
Dave – is this COA number 9 correctly stated? ” Rule 609 states a half mile radius, not a mile. Is it possibly a typo?

Other than this we agree to the COAs.

Thanks,

Heather Mitchell
Regulatory Analyst
[720.876.3070](tel:720.876.3070)
[303.725.2694](tel:303.725.2694)

Encana Oil & Gas (USA) Inc.
encana.com

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

From: Dave Kubeczko - DNR [mailto:dave.kubeczko@state.co.us]
Sent: Monday, July 08, 2013 3:52 PM
To: Mitchell, Heather R.
Subject: EnCana Oil & Gas (USA) Inc, Rose K22W Pad, NESE Sec 22 T7S R93W, Garfield County, Form 2A#400439904 Review

Heather,

I have been reviewing the Rose K22W Pad **Form 2A** (#400439904). COGCC would like to attach the following conditions of approval (COAs) based on the information and data EnCana has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

General: The following previously attached 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 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.

Groundwater Baseline Sampling: Since this well is considered to be a wildcat/exploratory well, the following COA will also apply:

COA 9 - Operator shall comply with Rule 609. STATEWIDE GROUNDWATER BASELINE SAMPLING AND MONITORING. The following water well has been identified as an acceptable location:

- 1) Permit No. 156310-Pitman, Barbara A & Nancy S; domestic well; TD - 10' bgs; SWL - 4' bgs; FM – alluvium; located approximately 2373' to the E (downgradient-crossgradient).

Documented refusal to grant access by well owner or surface owner (for water well or spring sampling), or if no water wells or springs are located/identified within one-half mile, shall not constitute a violation of this COA.

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](tel:9703092514) (cell), or email. Thanks.

Dave

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

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