

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Monday, September 15, 2014 9:52 AM
To: Dave Kubeczko - DNR
Subject: FW: EnCana Oil & Gas (USA) Inc, CBU O15 1100 Pad, SESE Sec 15 T1S R100W, Rio Blanco County, Form 2A#400614799 Review

Categories: Operator Correspondence

Scan No 2107102 CORRESPONDENCE 2A#400614799

From: Kubat, Alexis [mailto:Alexis.Kubat@encana.com]
Sent: Monday, July 21, 2014 9:11 AM
To: 'Dave Kubeczko - DNR'
Subject: RE: EnCana Oil & Gas (USA) Inc, CBU O15 1100 Pad, SESE Sec 15 T1S R100W, Rio Blanco County, Form 2A#400614799 Review

Hi Dave,

Encana agrees to the COAs below.

Thank you,

Alexis Kubat

Regulatory Analyst

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Encana Services Company Ltd.

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Encana Services Company Ltd. provides
operational, corporate, administrative, and
advisory services to Encana Corporation

From: Dave Kubeczko - DNR [mailto:dave.kubeczko@state.co.us]
Sent: Sunday, July 20, 2014 8:10 PM
To: Kubat, Alexis
Subject: EnCana Oil & Gas (USA) Inc, CBU O15 1100 Pad, SESE Sec 15 T1S R100W, Rio Blanco County, Form 2A#400614799 Review

Alexis,

I have been reviewing the CBU O15 1100 Pad **Form 2A** (#400614799). COGCC would like to attach the following conditions of approval (COAs) based on the information and data EnCana Oil & Gas (USA) Inc (EnCana) has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

Planning: The following conditions of approval (COAs) will apply:

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

Construction: The following conditions of approval (COAs) will apply:

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); 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.

Drilling/Completions: 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, if drill cuttings are to remain/disposed of 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 pit 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 constructed to be sufficiently impervious to contain any spilled or released material.

Material Handling and Spill Prevention: The following conditions of approval (COAs) will apply to the Form 2A if any temporary surface or buried pipelines (poly or steel) are used during operations at the frac pad location or nearby well pads:

COA 45 - Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network.

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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