

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Monday, November 14, 2011 12:30 PM
To: Kubeczko, Dave
Subject: FW: EnCana Oil & Gas (USA), SG L24 496 Pad, NWSW Sec 24 T4S R96W, Garfield County, Form 2A (#400210929) Review

Scan No 2034058 CORRESPONDENCE 2A#400210929

From: Mitchell, Heather R. [mailto:Heather.Mitchell@encana.com]
Sent: Wednesday, November 02, 2011 10:28 AM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), SG L24 496 Pad, NWSW Sec 24 T4S R96W, Garfield County, Form 2A (#400210929) Review

Thank you Dave - Encana agrees to below COAs for the SG L24 496 pad.

Heather Mitchell
Regulatory Analyst
Encana Oil & Gas (USA) Inc.
720-876-3070 Office
720-375-4879 Cell
720-876-4070 Fax
heather.mitchell@encana.com

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Monday, October 31, 2011 11:29 AM
To: Mitchell, Heather R.
Subject: RE: EnCana Oil & Gas (USA), SG L24 496 Pad, NWSW Sec 24 T4S R96W, Garfield County, Form 2A (#400210929) Review

Heather,

Regardless of the distance from the current edge of the Roan Rim NTO, this location is underlain by the highly fractured (and highly permeable) Uinta Formation, thus requiring the COAs listed.

Dave

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

Colorado Oil & Gas Conservation Commission
Northwest Area Office
707 Wapiti Court, Suite 204
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dave.kubeczko@state.co.us



 *Please consider the environment before printing this e-mail*

From: Mitchell, Heather R. [mailto:Heather.Mitchell@encana.com]
Sent: Monday, October 31, 2011 9:24 AM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), SG L24 496 Pad, NWSW Sec 24 T4S R96W, Garfield County, Form 2A (#400210929) Review

Good Morning Dave - I thought the roam rim buffer was about 1 mile and this pad is over 2 miles away?

Heather Mitchell
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From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Thursday, October 27, 2011 6:41 PM
To: Mitchell, Heather R.
Subject: FW: EnCana Oil & Gas (USA), SG L24 496 Pad, NWSW Sec 24 T4S R96W, Garfield County, Form 2A (#400210929) Review

Heather,

I understand that Julia is out of the office. Can you please review this email and respond at your convenience. Thanks.

Dave

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

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From: Kubeczko, Dave
Sent: Thursday, October 27, 2011 6:38 PM
To: Carter, Julia M
Subject: EnCana Oil & Gas (USA), SG L24 496 Pad, NWSW Sec 24 T4S R96W, Garfield County, Form 2A (#400210929) Review

Julia,

I have been reviewing the SG L24 496 Pad **Form 2A** (#400210929). COGCC would like to attach the following conditions of approval (COAs) based on the data EnCana Oil & Gas has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

- General:** COGCC's review indicates that the well pad location is approximately 12530 feet to the north of the current edge of the area defined in the notice to operators (NTO) for drilling wells on the Roan Plateau in Garfield County. Due to the highly fractured nature of the surface material throughout the Roan Rim, this location will be designated a **sensitive area**, and the following conditions of approval (COAs) will apply:
 - COA 23** - Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling, completion, and injection 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 5** - Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.
 - COA 40** - The nearby hillside must be monitored for any day-lighting of fluids throughout drilling operations.
 - 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 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 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 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.

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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