

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Tuesday, August 14, 2012 2:25 PM  
**To:** Kubeczko, Dave  
**Subject:** FW: EnCana Oil & Gas (USA), Latham O12 8100 Pad, Lot 4 Sec 12 T8S R100W, Garfield County, Form 2A (#400302269) Review

**Categories:** Orange - Operator Correspondence

Scan No 2034488      CORRESPONDENCE      2A#400302269

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**From:** Mitchell, Heather R. [mailto:Heather.Mitchell@encana.com]  
**Sent:** Wednesday, August 08, 2012 12:57 PM  
**To:** Kubeczko, Dave  
**Subject:** RE: EnCana Oil & Gas (USA), Latham O12 8100 Pad, Lot 4 Sec 12 T8S R100W, Garfield County, Form 2A (#400302269) Review

Dave:

Encana agrees to these COAs.

Thanks,

Heather Mitchell  
Regulatory Analyst  
Encana Oil & Gas (USA) Inc.  
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303-725-2694 Cell  
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[heather.mitchell@encana.com](mailto:heather.mitchell@encana.com)

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**From:** Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]  
**Sent:** Tuesday, August 07, 2012 5:54 PM  
**To:** Mitchell, Heather R.  
**Subject:** EnCana Oil & Gas (USA), Latham O12 8100 Pad, Lot 4 Sec 12 T8S R100W, Garfield County, Form 2A (#400302269) Review

Heather,

I have been reviewing the Latham O12 8100 Pad **Form 2A** (#400302269). 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.

1. **General:** 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 and completion operations (as indicated on the Location Drawing and Construction Layout Drawings attachments); 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 pipelines or permanent buried pipelines.

**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 the drill cuttings are to be disposed of onsite, they must also meet the applicable standards of table 910-1.

**COA 26** - Notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email [dave.kubeczko@state.co.us](mailto:dave.kubeczko@state.co.us)), the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email [shaun.kellerby@state.co.us](mailto:shaun.kellerby@state.co.us)), and the COGCC Field Inspector for Garfield County (Mike Longworth; email [mike.longworth@state.co.us](mailto:mike.longworth@state.co.us)) 48 hours prior to start of pad construction, pit liner installation (if applicable), 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 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 58** - Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with a 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**

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