

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Tuesday, September 13, 2011 10:28 AM
To: Kubeczko, Dave
Subject: FW: EnCana Oil & Gas (USA), North Parachute MF 004 696 Pad, Lot 9 Sec 4 T6S R96W, Garfield County, Form 2A (#400192549) Review

Categories: Orange - Operator Correspondence

Scan No 2034005 CORRESPONDENCE 2A#400192549

From: Mitchell, Heather R. [mailto:Heather.Mitchell@encana.com]
Sent: Monday, August 29, 2011 2:29 PM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), North Parachute MF 004 696 Pad, Lot 9 Sec 4 T6S R96W, Garfield County, Form 2A (#400192549) Review

[Encana agrees to these COAs.](#)

Thank you Dave!

Heather Mitchell
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From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Monday, August 29, 2011 11:42 AM
To: Mitchell, Heather R.
Subject: EnCana Oil & Gas (USA), North Parachute MF 004 696 Pad, Lot 9 Sec 4 T6S R96W, Garfield County, Form 2A (#400192549) Review

Heather,

I have been reviewing the North Parachute MF 004 696 Pad **Form 2A** (#400192549). 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 23** - Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion 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, and maintained in good condition.

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. Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.

COA 45 - Well pad and access road to the well pad will be gravel surfaced. Operator must install adequately sized culverts that cross any drainages leading to the stream. Operator must ensure secondary containment for any potential volume of fluids that may be released from the pad/access road in the vicinity of all stream, intermittent stream, ditch, and drainage crossings.

COA 46 - The location is in an area of high runoff/run-on potential from the proposed pad area to the north; therefore the pad shall be constructed as quickly as possible and appropriate BMPs need to be in place both during and after well pad construction, as well as during all drilling and well completion operations. Standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater runoff. Slopes with potential for runoff should be stabilized immediately following pad construction.

COA 61 - Because of proximity of the well pad to both nearby surface water and steep slopes to the north, operator will grade the well pad surface to slope away from the stream towards a central collection point on the well pad.

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 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. 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
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