

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, April 04, 2012 7:43 AM
To: Kubeczko, Dave
Subject: FW: EnCana Oil & Gas (USA), Powell H23 4101 Pad, SENE Sec 23 T4S R101W, Rio Blanco County, Form 2A (#400260782) Review
Attachments: H23 4101 MULTIWELL PLAN.pdf

Scan No 2034286 CORRESPONDENCE 2A#400260782

From: Mitchell, Heather R. [mailto:Heather.Mitchell@encana.com]
Sent: Tuesday, April 03, 2012 10:58 AM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), Powell H23 4101 Pad, SENE Sec 23 T4S R101W, Rio Blanco County, Form 2A (#400260782) Review

Dave - Here is the revised Multi-Well plan for the pad. Sorry for the confusion. We concur with the attached COAs.

Thanks,

Heather Mitchell
Regulatory Analyst
Encana Oil & Gas (USA) Inc.
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heather.mitchell@encana.com

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Tuesday, April 03, 2012 9:10 AM
To: Mitchell, Heather R.
Subject: RE: EnCana Oil & Gas (USA), Powell H23 4101 Pad, SENE Sec 23 T4S R101W, Rio Blanco County, Form 2A (#400260782) Review

Heather,

Here is an additional COA for the producing horizontal well:

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.

Thanks.

Dave

From: Mitchell, Heather R. [<mailto:Heather.Mitchell@encana.com>]
Sent: Tuesday, April 03, 2012 7:35 AM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), Powell H23 4101 Pad, SENE Sec 23 T4S R101W, Rio Blanco County, Form 2A (#400260782) Review

Dave - only one well is a strat test. The other is a planned horizontal well. I will get you the updated multiwell plan as soon as possible and run the rest of the COAs by the team. Thanks,

Heather Mitchell
Regulatory Analyst
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From: Kubeczko, Dave [<mailto:Dave.Kubeczko@state.co.us>]
Sent: Monday, April 02, 2012 5:25 PM
To: Mitchell, Heather R.
Subject: EnCana Oil & Gas (USA), Powell H23 4101 Pad, SENE Sec 23 T4S R101W, Rio Blanco County, Form 2A (#400260782) Review

Heather,

I have been reviewing the Powell H23 4101 Pad **Form 2A** (#400260782). COGCC requests the following clarifications regarding the data EnCana has submitted on or attached to the Form 2A. COGCC would also like to attach the following conditions of approval (COAs) to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

1. **Facilities (Section 5):** Since both wells proposed are for stratigraphic information, does EnCana actually plan to place water tanks, separators, oil tanks, a meter house, and LACT unit on this pad. Please provide information on what, if any, facilities will actually be placed on this location.
2. **303.d.(3).I:** Where the proposed oil and gas location is for multiple wells on a single pad, a drawing showing proposed wellbore trajectory with bottom-hole locations. An updated Multi-Well Plan needs to be submitted prior to permit approval.
3. **General:** The following conditions of approval (COAs) will apply:
 - COA 5** - Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.
 - COA 23** - Operator must ensure 110 percent secondary containment for any volume of fluids (excluding freshwater) 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 (at least every 14 days), and maintained in good condition.
 - 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 46 - The location is in an area of high runoff/run-on potential from the proposed pad area to the east; 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 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.

COGCC would appreciate your concurrence with attaching these COAs (item 3) to the Form 2A permit prior to passing the OGLA review. The other issues (items 1 and 2) also need to be addressed prior to permit approval. 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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