



State of Colorado

Kubeczko - DNR, Dave <dave.kubeczko@state.co.us>

WPX Energy Rocky Mountain LLC, Savage RWF 11-35 Pad, NWNW Sec 35 T6S R94W, Garfield County, Form 2A (#400246626) Review

Kubeczko - DNR, Dave <dave.kubeczko@state.co.us>
To: Dave Kubeczko - DNR <dave.kubeczko@state.co.us>

Mon, Dec 3, 2012 at 9:54 AM

Scan No 1293090 CORRESPONDENCE 2A#400246626

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From: **Kubeczko - DNR, Dave** <dave.kubeczko@state.co.us>
Date: Mon, Dec 3, 2012 at 9:53 AM
Subject: WPX Energy Rocky Mountain LLC, Savage RWF 11-35 Pad, NWNW Sec 35 T6S R94W, Garfield County, Form 2A (#400246626) Review
To: greg.j.davis@wpxenergy.com

Greg,

I have been reviewing the Savage RWF 11-35 Pad **Form 2A** (#400246626). COGCC will attach the following conditions of approval (COAs) based on the information WPX 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 9** - Reserve pit, or any other pit used to contain/hold fluids, if constructed, must be lined or a closed loop system (as indicated by operator on the Form 2A Permit application) must be implemented during drilling.
- COA 91** - Notify the COGCC 48 hours prior to start of pad construction, 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 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 23** - Operator must ensure 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 (at least every 14 days), and maintained in good condition.
- COA 38** - The moisture content of any 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 left 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 lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) 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 poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.

Based on the information provided in the Form 2A by WPX, COGCC will attach these COAs to the Form 2A permit; WPX does not need to respond, unless you have questions or concerns with details in this email. In addition, could WPX provide COGCC with the COAs and wildlife stipulations that BLM has attached to this location. If you have any questions regarding this email, 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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