



State of Colorado

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WPX Energy Rocky Mountain LLC, Strait SG 42-22 Pad, SENE Sec 22 T7S R96W, Garfield County, Form 2A (#400304525) Review

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

Tue, Oct 23, 2012 at 2:50 PM

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From: **Kubeczko, Dave** <dave.kubeczko@state.co.us>
Date: Tue, Oct 23, 2012 at 2:47 PM
Subject: WPX Energy Rocky Mountain LLC, Strait SG 42-22 Pad, SENE Sec 22 T7S R96W, Garfield County, Form 2A (#400304525) Review
To: greg.j.davis@wpxenergy.com

Greg,

I have been reviewing the Strait SG 42-22 Pad **Form 2A** (#400304525). COGCC will attach the following conditions of approval (COAs) based on the information WPX Energy has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

General: The following conditions of approval (COAs) will apply:

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 or buried pipelines.

COA 23 - Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations (as shown on the Proposed BMPs attachment); 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 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.

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.

Temporary Surface Pipeline: If fluids used for drilling and hydraulic stimulation will be stored and transported through temporary surface pipelines, the following conditions of approval (COAs) will apply:

COA 48 - Operator must implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located.

COA 49 - Operator must routinely inspect the entire length of the surface pipeline to ensure integrity.

COA 54 - Operator must ensure 110 percent secondary containment for any potential volume of fluids that may be released from the surface pipeline at all stream, intermittent stream, ditch, and drainage crossings.

COA 55 - Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.

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. 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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