

## Dave Kubeczko - DNR

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**From:** Dave Kubeczko - DNR  
**Sent:** Monday, December 22, 2014 9:31 AM  
**To:** dave.kubeczko@state.co.us  
**Subject:** FW: WPX Energy Rocky Mountain LLC, MV 5-10 Pad, SENW Sec 10 T7S R96W, Garfield County, Form 2A#400652917 Review

**Categories:** Operator Correspondence

**Scan No 2107228      CORRESPONDENCE      2A#400652917**

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**From:** Dave Kubeczko - DNR [mailto:[dave.kubeczko@state.co.us](mailto:dave.kubeczko@state.co.us)]  
**Sent:** Wednesday, December 10, 2014 1:34 PM  
**To:** Haddock, Reed  
**Cc:** Mestas, April; Blaney, Karolina  
**Subject:** RE: WPX Energy Rocky Mountain LLC, MV 5-10 Pad, SENW Sec 10 T7S R96W, Garfield County, Form 2A#400652917 Review

All,

Since the Form 2A states that cuttings will be placed onsite; any changes to information on the Form 2A do require a sundry notice, and therefore, the COA will stand as is. I will change the other edits.

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  
Western Colorado



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**From:** Haddock, Reed [mailto:[Reed.Haddock@wpxenergy.com](mailto:Reed.Haddock@wpxenergy.com)]  
**Sent:** Wednesday, December 10, 2014 1:26 PM  
**To:** Dave Kubeczko - DNR  
**Subject:** FW: WPX Energy Rocky Mountain LLC, MV 5-10 Pad, SENW Sec 10 T7S R96W, Garfield County, Form 2A#400652917 Review

Dave:

Please see the comments below in green. If COGCC is fine with these changes then please proceed with the approval process. Reed

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**From:** Mestas, April  
**Sent:** Wednesday, December 10, 2014 1:15 PM  
**To:** Haddock, Reed  
**Subject:** FW: WPX Energy Rocky Mountain LLC, MV 5-10 Pad, SENW Sec 10 T7S R96W, Garfield County, Form 2A#400652917 Review

Hi Reed,  
Karolina had some comments that are noted below in green font.  
Other than that I think we are good.

Thanks!  
April

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**From:** Haddock, Reed  
**Sent:** Wednesday, December 10, 2014 12:59 PM  
**To:** Mestas, April  
**Subject:** FW: WPX Energy Rocky Mountain LLC, MV 5-10 Pad, SENW Sec 10 T7S R96W, Garfield County, Form 2A#400652917 Review

April:

Is WPX good with these COA's? Reed

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**From:** Dave Kubecko - DNR [<mailto:dave.kubecko@state.co.us>]  
**Sent:** Wednesday, December 10, 2014 12:26 PM  
**To:** Haddock, Reed  
**Subject:** WPX Energy Rocky Mountain LLC, MV 5-10 Pad, SENW Sec 10 T7S R96W, Garfield County, Form 2A#400652917 Review

Reed,

I have been reviewing the MV 5-10 Pad **Form 2A** (#400652917). COGCC would like to attach the following conditions of approval (COAs) based on the information and data WPX Energy Rocky Mountain LLC (WPX) has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.

**Planning:** The following conditions of approval (COAs) will apply:

**COA 91** - Notify the COGCC 48 hours prior to start of pad reconstruction/regarding, rig mobilization, spud, pipeline testing, start of hydraulic stimulation operations, and start of flowback operations (if different than hydraulic stimulation operations) using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).

**Construction:** The following conditions of approval (COAs) will apply:

**COA 23** - Operator must ensure secondary containment for any volume of fluids contained at tank site during 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 after precipitation events), and maintained in good condition.

**Drilling/Completions:** The following conditions of approval (COAs) will apply:

**COA 38** - The moisture content of drill cuttings managed onsite shall be kept as low as practicable to prevent accumulation of liquids greater than de minimis amounts. After drilling and completion operations have been completed, the drill cuttings that will remain on the well pad location (cuttings management area, the cut portion of the pad, cuttings trench, dry cuttings drilling pit), must meet the applicable standards of Table 910-1. After the drill cuttings have been amended (if necessary) and placed on the well pad, sampling frequency of the drill cuttings (to be determined by the operator) shall be representative of the material left on location. No offsite disposal of cuttings to another oil and gas location shall occur without prior approval of a Waste Management Plan (submitted via a Form 4 Sundry Notice) specifying disposal location and waste characterization method. **Commercial disposal of drill cuttings will only require notification to COGCC via a Form 4 Sundry Notice.** – per COGCC 907.f.(1) we are already allowed to haul cuttings to a commercial solid waste disposal facility – sundry should not be required.

**COA 25** - If the well(s) is(are) to be hydraulically stimulated, 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 storage vessel 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 constructed to be sufficiently impervious to contain any spilled or released material.

**COA 26** - Potential odors associated with the completions process and/or with long term production operations must be controlled/mitigated.

**Material Handling and Spill Prevention:** The following conditions of approval (COAs) will apply to the Form 2A Permit if any temporary surface or buried permanent pipelines (poly or steel) are used during operations at the well pad location or nearby well pads:

**COA 45** - Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network.

**COA 49** - Operator must routinely inspect the entire length of the surface pipeline to ensure integrity. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids and 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. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. In addition, pump stations along the surface poly or steel pipeline route will be continuously monitored when operating in order to swiftly respond to such a failure.

**COA 54** - Operator **must ensure** will implement BMPs necessary to mitigate a potential for a release of fluids to impact streams, intermittent streams, ditches, and drainage crossings. For these crossings: if poly pipe is used on the surface, operator will ensure appropriate containment by either installing over-sized pipe “sleeves” which extend the length of the crossing and beyond to a distance deemed adequate to capture (catchment basins) and/or divert any possible release of fluids and prevent fluids from reaching the stream or drainage; installing over-sized pipe “sleeves” which extend the length of the crossing and installing shut off valves on either side of crossing instead of catchment basins; or develop an alternative means for containment. For all other pipeline materials, operator **must ensure** will implement BMPs necessary to mitigate a potential for E&P fluids not to reach groundwater or flowing surface water.

**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 temporary surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.

COGCC would appreciate your concurrence with attaching the COGCC 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

## Oil and Gas Location Assessment Specialist Western Colorado



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