

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Tuesday, July 09, 2013 5:26 PM
To: dave.kubeczko@state.co.us
Subject: FW: WPX Energy Rocky Mountain LLC, Savage RWF 23-25 Frac Pad Site, NESW Sec 25 T6S R94W, Garfield County, Form 2A#400441348 Review

Categories: Operator Correspondence

Scan No 2106688 CORRESPONDENCE 2A#400441348

From: Dave Kubeczko - DNR [mailto:dave.kubeczko@state.co.us]
Sent: Tuesday, July 09, 2013 11:35 AM
To: greg.j.davis@wpxenergy.com
Subject: WPX Energy Rocky Mountain LLC, Savage RWF 23-25 Frac Pad Site, NESW Sec 25 T6S R94W, Garfield County, Form 2A#400441348 Review

Greg,

I have been reviewing the Savage RWF 23-25 Frac Pad Site **Form 2A** (#400441348). COGCC will attach the following conditions of approval (COAs) based on the data WPX Energy has submitted on or attached to the Form 2A and Form 15 prior to passing the Oil and Gas Location Assessment (OGLA) review.

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

COA 91 - Notify the COGCC 48 hours prior to start of frac pad construction 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 at the frac pad location, as well as any fluids conveyed via temporary surface or buried permanent pipelines.

COA 23 - Operator must ensure secondary containment for any volume of fluids contained at frac pad site during operations (as shown on the Construction Layout Drawings 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 pit/frac pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

COA 76 - 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 24 - Operator shall stabilize exposed soils and slopes as an interim measure during pit operations at this site.

COA 25 - Flowback and stimulation fluids from the wells/pads being completed using this frac pad (if applicable) 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 6 - Additional containment shall be required where temporary or permanent pumps and other necessary equipment or chemicals are located.

COA 74 - Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location.

COA 40 - Operator will implement measures to ensure that adequate separation of hydrocarbons from the influent occurs to prevent accumulation of oil on the surface of stored fluids. Operator shall also employ a method for monitoring buildup of phase-separated hydrocarbons on the surface of stored fluids.

Temporary Surface Pipelines: The following conditions of approval (COAs) will apply to both the Form 2A and the Form 15 Pit Permit if any temporary surface pipelines (poly or steel) are used during operations at the frac pad location or nearby well pads:

COA 11 - 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. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to testing surface poly or buried steel pipelines.

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. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. The operator shall maintain records of inspections, findings and repairs, if necessary, for the life of the pits.

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 sensitive area crossings, including, but not limited to 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 and Form 15 permits; WPX does not need to respond, unless you have questions or concerns with details in this email (responses to this email are required within 7 calendar days). If you have any questions, please do not hesitate to call me at (970) 309-2514 (cell), or email. Thanks.

Dave

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Western Colorado

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