

<b>FORM INSP</b> Rev 05/11	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109		DE ET OE ES
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Inspection Date: <p style="text-align: center;"><u>02/07/2014</u></p> Document Number: <p style="text-align: center;"><u>670201240</u></p> Overall Inspection: <p style="text-align: center;"><u>Satisfactory</u></p>
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Location Identifier	Facility ID <u>432338</u>	Loc ID <u>432336</u>	Inspector Name: <u>BURGER, CRAIG</u>	On-Site Inspection <input type="checkbox"/>
				2A Doc Num: _____

**Operator Information:**

OGCC Operator Number: Name of Operator: <u>WPX ENERGY ROCKY MOUNTAIN LLC</u> Address: <u>1001 17TH STREET - SUITE #1200</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>
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- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Gardner, Michael		Michael.Gardner@wpxenergy.com	Environmental Manager
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Brady, Scott	(970) 285-9377	Lowell.Brady@WPXEnergy.com	Drilling Super Intendent

**Compliance Summary:**

QtrQtr: SENV Sec: 25 Twp: 6S Range: 94W

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
432332	WELL	XX	03/29/2013		045-21962	Savage RWF 21-25	XX	<input type="checkbox"/>
432333	WELL	XX	03/29/2013		045-21963	Savage RWF 521-25	XX	<input type="checkbox"/>
432334	WELL	PR	12/11/2013	LO	045-21964	Savage RWF 422-25	PR	<input type="checkbox"/>
432335	WELL	PR	12/12/2013	LO	045-21965	Savage RWF 522-25	PR	<input type="checkbox"/>
432337	WELL	XX	03/29/2013		045-21966	Savage RWF 322-25	XX	<input type="checkbox"/>
432338	WELL	DG	02/01/2014		045-21967	Savage RWF 11-25	DG	<input checked="" type="checkbox"/>
432339	WELL	XX	03/29/2013		045-21968	Savage RWF 421-25	XX	<input type="checkbox"/>
432340	WELL	XX	03/29/2013		045-21969	Savage RWF 511-25	XX	<input type="checkbox"/>
432341	WELL	XX	03/29/2013		045-21970	Savage RWF 321-25	XX	<input type="checkbox"/>
432342	WELL	DG	10/18/2013		045-21971	Savage RWF 512-25	DG	<input type="checkbox"/>
432343	WELL	DG	01/22/2014		045-21972	Savage RWF 411-25	DG	<input type="checkbox"/>
432344	WELL	DG	09/24/2013		045-21973	Savage RWF 22-25	DG	<input type="checkbox"/>
432345	WELL	DG	12/25/2013		045-21974	Savage RWF 12-25	DG	<input type="checkbox"/>
432346	WELL	DG	01/03/2014		045-21975	Savage RWF 312-25	DG	<input type="checkbox"/>
432347	WELL	PR	12/13/2013	LO	045-21976	Savage RWF 412-25	PR	<input type="checkbox"/>
432348	WELL	DG	01/11/2014		045-21977	Savage RWF 311-25	DG	<input type="checkbox"/>

**Equipment:**

Location Inventory



Group	User	Comment	Date
OGLA	kubeczkod	<p data-bbox="383 132 662 163"><b>SITE SPECIFIC COAs:</b></p> <p data-bbox="383 195 1344 310">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).</p> <p data-bbox="383 342 1349 401">Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines</p> <p data-bbox="383 432 1354 695">Operator must ensure 110 percent secondary containment for any volume of fluids (excluding freshwater) contained at well site during drilling and completion 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 well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p data-bbox="383 726 1289 873">The location is in an area of moderate run off potential; therefore the pad and access road shall be constructed to prevent any stormwater run-on and/or stormwater runoff. 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.</p> <p data-bbox="383 905 1357 1020">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.</p> <p data-bbox="383 1052 1349 1346">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.</p> <p data-bbox="383 1377 1308 1493">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.</p> <p data-bbox="383 1524 1349 1608">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.</p> <p data-bbox="383 1640 1338 1703">Operator must routinely inspect the entire length of the surface pipeline to ensure integrity.</p> <p data-bbox="383 1734 1284 1818">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.</p> <p data-bbox="383 1850 1354 1965">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.</p>	03/26/2013

**S/U/V:** Satisfactory **Comment:** Location bermed. Snow cover limited stormwater inspection.  
 Drill cuttings moisture satisfactory.  
 No flowback at time of inspection. Existing road used to pad.

**CA:**  **Date:** \_\_\_\_\_

**Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	<p>PRODUCTION/RECLAMATION BMP's</p> <ul style="list-style-type: none"> <li>* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li> <li>* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeded and reclamation of disturbed areas.</li> <li>* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</li> </ul>
Site Specific	<p>The attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500 ft. of mapped surface water incorporate BMPs to protect that surface water, Williams will employ the following BMPs at this location:</p> <ul style="list-style-type: none"> <li>• Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.</li> <li>• Williams will implement best management practices to contain any unintentional release of fluids.</li> <li>• Either a lined drilling pit or closed loop system will be implemented.</li> </ul>
Planning	<p>PLANNING BMP's</p> <ul style="list-style-type: none"> <li>* Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas.</li> <li>* Maximize the use of directional drilling to minimize habitat loss/fragmentation</li> <li>* Maximize use of remote completion/frac operations to minimize traffic</li> <li>* Maximize use of remote telemetry for well monitoring to minimize traffic</li> </ul>
Drilling/Completion Operations	<p>DRILLING/COMPLETIONS BMP's</p> <ul style="list-style-type: none"> <li>* Use centralized hydraulic fracturing operations.</li> <li>* Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li> </ul>

**S/U/V:** Satisfactory **Comment:** Drill rig on location.

**CA:**  **Date:** \_\_\_\_\_

**Stormwater:**

**Comment:** \_\_\_\_\_

**Staking:**

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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**Facility**

Facility ID: 432338 Type: WELL API Number: 045-21967 Status: DG Insp. Status: DG

**Well Drilling**

**Rig:** Rig Name: Cyclone 17 Pusher/Rig Manager: \_\_\_\_\_

Permit Posted: Satisfactory Access Sign: Satisfactory

**Well Control Equipment:**

Pipe Ram: YES Blind Ram: YES Hydril Type: YES

Pressure Test BOP: Pass Test Pressure PSI: 3000 Safety Plan: \_\_\_\_\_

YES

**Drill Fluids Management:**

Lined Pit: NO Unlined Pit: NO Closed Loop: YES Semi-Closed Loop: \_\_\_\_\_

Multi-Well: YES Disposal Location: Southeast side of location.

**Comment:**

Drilling at about 6000 feet.

**Environmental**

**Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

Overall Interim Reclamation \_\_\_\_\_

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Inspector Name: BURGER, CRAIG

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation

Well Release on Active Location

Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Compaction	Pass	Compaction	Pass	MHSP	Pass	
Berms	Pass			CM	Pass	

S/U/V: Satisfactory Corrective Date: \_\_\_\_\_

Comment: Snow cover limited inspection.

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT