

**FORM  
INSP**Rev  
05/11**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:

01/28/2014

Document Number:

670201203

Overall Inspection:

**Unsatisfactory****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	429839	429828	BURGER, CRAIG	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:

Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC

Address: 1001 17TH STREET - SUITE #1200

City: DENVER State: CO Zip: 80202

- ☐ 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
Moss, Brad		Brad.Moss@wpxenergy.com	Production Foreman
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Gardner, Michael		Michael.Gardner@wpxenergy.com	Environmental Manager

**Compliance Summary:**

QtrQtr: LOT5 Sec: 29 Twp: 6S Range: 94W

**Inspector Comment:**

Unsatisfactory inspection due to lack of stormwater and erosion control BMP's in area being reclaimed.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
429829	WELL	PR	08/07/2013	LO	045-21656	Duggan RWF 414-29	PR	<input checked="" type="checkbox"/>
429830	WELL	PR	07/15/2013	LO	045-21657	Duggan RWF 413-29	PR	<input checked="" type="checkbox"/>
429831	WELL	PR	09/11/2013	LO	045-21658	Duggan RWF 24-29	PR	<input checked="" type="checkbox"/>
429832	WELL	PR	08/07/2013	LO	045-21659	Duggan RWF 324-29	PR	<input checked="" type="checkbox"/>
429833	WELL	PR	08/07/2013	LO	045-21660	Duggan RWF 524-29	PR	<input checked="" type="checkbox"/>
429834	WELL	PR	09/11/2013	LO	045-21661	Duggan RWF 424-29	PR	<input checked="" type="checkbox"/>
429835	WELL	PR	07/15/2013	LO	045-21662	Duggan RWF 513-29	PR	<input checked="" type="checkbox"/>
429836	WELL	PR	09/11/2013	LO	045-21663	Duggan RWF 514-29	PR	<input checked="" type="checkbox"/>
429837	WELL	PR	07/15/2013	LO	045-21664	Duggan RWF 313-29	PR	<input checked="" type="checkbox"/>
429838	WELL	PR	09/11/2013	LO	045-21665	Duggan RWF 323-29	PR	<input checked="" type="checkbox"/>
429839	WELL	PR	09/11/2013	LO	045-21666	Duggan RWF 14-29	PR	<input checked="" type="checkbox"/>
429840	WELL	PR	08/07/2013	LO	045-21667	Duggan RWF 314-29	PR	<input checked="" type="checkbox"/>
429841	WELL	PR	07/15/2013	LO	045-21668	Duggan RWF 13-29	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>13</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>2</u>	Separators: <u>13</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>2</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location****Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

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

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

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK BATTERY	Satisfactory	wire fence		
SEPARATOR	Satisfactory	wire fence		

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	13	Satisfactory			
Gathering Line	1	Satisfactory			
Bird Protectors	7	Satisfactory			
Horizontal Heated Separator	13	Satisfactory			
Gas Meter Run	1	Satisfactory			
Emission Control Device	1	Satisfactory			

Inspector Name: BURGER, CRAIG

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 BBLS	STEEL AST	39.489750,-107.918630
S/U/V:	Satisfactory	Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action	Corrective Date
Comment	

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	300 BBLS	STEEL AST	,
S/U/V:	Satisfactory	Comment: same berm as condensate tanks		
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action	Corrective Date
Comment	

<b>Venting:</b>		
Yes/No	Comment	
YES	bradenhead valves open	

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ignitor/Combustor	Satisfactory			

<b>Predrill</b>				
Location ID: 429839				
<b>Site Preparation:</b>				
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____

**S/U/V:** \_\_\_\_\_

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

Date: \_\_\_\_\_

CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczkod	<p><b>SITE SPECIFIC COAs:</b></p> <p>Location is in a sensitive area because of proximity to surface water; therefore, 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.</p> <p>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. Additional containment shall be required where temporary pumps and other necessary equipment or chemicals are located.</p> <p>Location is in a sensitive area because of the proximity to a water well; therefore either a lined drilling pit or closed loop system (which WPX has indicated on the Form 2A) must be implemented.</p> <p>Location is in a sensitive area because of the proximity to a water well; therefore production pits, or any pit constructed to hold fluids, must be lined.</p> <p>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 pit 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>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 the drill cuttings are to be left onsite, they must also meet the applicable standards of table 910-1.</p> <p>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.</p> <p>The location is in an area of moderate to high runoff/run-on potential at the proposed pad area from steep areas to the north-northeast toward the Colorado River; therefore the pad shall be constructed as quickly as possible and appropriate BMPs need to be in place both during and after well pad construction, as well as during all drilling and well completion operations. 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. Slopes with potential for runoff should be stabilized immediately following pad construction.</p>	08/03/2012

**S/U/V:** Satisfactory**Comment:**

No drilling or completions at time of inspection. Drill cuttings not observed on location.

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

**Wildlife BMPs:**

BMP Type	Comment
Final Reclamation	<ul style="list-style-type: none"> <li>• Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</li> <li>• Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li> <li>• Williams will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding 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> <li>• Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river where possible.</li> </ul>
Planning	<ul style="list-style-type: none"> <li>• Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</li> <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>• Minimize newly planned activities and operations within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.</li> <li>• Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CPW.</li> <li>• Minimize the number, length, and footprint of oil and gas development roads</li> <li>• Use existing roads where possible</li> <li>• Combine and share roads to minimize habitat fragmentation</li> <li>• Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands.</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> <li>• Restrict oil and gas activities as practical during critical seasonal periods</li> </ul>
Drilling/Completion Operations	<ul style="list-style-type: none"> <li>• Use centralized hydraulic fracturing operations.</li> <li>• Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures).</li> <li>• Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li> </ul>

S/U/V: Satisfactory

Comment:

Scada system 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: \_\_\_\_\_

Inspector Name: BURGER, CRAIG

Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<u>LGD Contact Information:</u>	
Name: _____	Phone Number: _____ Agreed to Attend: _____
<u>Summary of Landowner Issues:</u>	
<u>Summary of Operator Response to Landowner Issues:</u>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

**Facility**

Facility ID: 429829	Type: WELL	API Number: 045-21656	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429830	Type: WELL	API Number: 045-21657	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429831	Type: WELL	API Number: 045-21658	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429832	Type: WELL	API Number: 045-21659	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429833	Type: WELL	API Number: 045-21660	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429834	Type: WELL	API Number: 045-21661	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429835	Type: WELL	API Number: 045-21662	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429836	Type: WELL	API Number: 045-21663	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">plunger lift</span>				
Facility ID: 429837	Type: WELL	API Number: 045-21664	Status: PR	Insp. Status: PR

**Producing Well**Comment: plunger liftFacility ID: 429838 Type: WELL API Number: 045-21665 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 429839 Type: WELL API Number: 045-21666 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 429840 Type: WELL API Number: 045-21667 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 429841 Type: WELL API Number: 045-21668 Status: PR Insp. Status: PR**Producing Well**Comment: plunger lift**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): Y

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

Pilot: ON Wildlife Protection Devices (fired vessels): YES**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

Land Use: RANGELANDComment: Reclamation in process. Regrading has occurred.  
Surface pipeline to location has not been removed.1003a. Debris removed? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? Pass 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? Pass Production areas stabilized ? Pass

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

1003d. Drilling pit closed? Pass 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? Pass 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? \_\_\_\_\_ P \_\_\_\_\_

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

Overall Interim Reclamation In Process

#### **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 \_\_\_\_\_

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 <input type="checkbox"/>		Multi-Well Location <input type="checkbox"/>		
<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
		Rip Rap	Pass			
		Culverts	Pass			
Compaction	Pass	Compaction	Pass			
S/U/V: <span style="border: 1px solid red; padding: 2px;">Unsatisfactory</span> Corrective Date: <span style="border: 1px solid red; padding: 2px;">02/28/2014</span> Comment: <span style="border: 1px solid red; padding: 2px;">No downgradient BMP provided below disturbed slope where reclamation is in process. Slope was tracked but tracking was performed across the slope.</span> CA: <span style="border: 1px solid red; padding: 2px;">Track up and down slopes. Provide adequate stormwater and erosion control BMP's.</span>						
<b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT						