

**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:

02/17/2014

Document Number:

673500645

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	290780	335671	Covington, Dave	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:

Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLCAddress: P O BOX 370City: PARACHUTE State: CO Zip: 81635

- ☐ 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
Kellerby, Shaun		shaun.kellerby@state.co.us	
Moss, Brad		brad.moss@wpxenergy.com	WPX District Prod Manager
Gardner, Michael	970-623-4875	michael.gardner@wpxenergy.com	WPX Environmental Manager

**Compliance Summary:**QtrQtr: NWNW Sec: 25 Twp: 1S Range: 98W**Inspector Comment:**11 wells, 10 tanks, and 6 separators on location. North of CR24.**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
290780	WELL	PR	09/01/2012	GW	103-11022	FEDERAL RGU 11-25-198	PR	<input checked="" type="checkbox"/>
301340	WELL	PR	01/11/2012	GW	103-11448	FEDERAL RGU 411-25-198	PR	<input checked="" type="checkbox"/>
301341	WELL	PR	10/18/2011	GW	103-11449	FEDERAL RGU 341-26-198	PR	<input checked="" type="checkbox"/>
301342	WELL	PR	04/01/2012	GW	103-11450	FEDERAL RGU 342-26-198	PR	<input checked="" type="checkbox"/>
301343	WELL	PR	07/19/2011	GW	103-11451	FEDERAL RGU 541-26-198	PR	<input checked="" type="checkbox"/>
301344	WELL	PR	09/14/2010	GW	103-11452	FEDERAL RGU 414-24-198	PR	<input checked="" type="checkbox"/>
301345	WELL	PR	08/10/2011	GW	103-11453	FEDERAL RGU 312-25-198	PR	<input checked="" type="checkbox"/>
301346	WELL	PR	08/10/2011	GW	103-11454	FEDERAL RGU 544-23-198	PR	<input checked="" type="checkbox"/>
414830	WELL	PR	07/19/2011	GW	103-11628	FEDERAL RGU 41-26-198	PR	<input checked="" type="checkbox"/>
414845	WELL	PR	11/17/2011	GW	103-11629	FEDERAL RGU 511-25-198	PR	<input checked="" type="checkbox"/>
414874	WELL	PR	11/01/2011	GW	103-11630	FEDERAL RGU 311-25-198	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>15</u>	Production Pits: _____
Condensate Tanks: <u>4</u>	Water Tanks: <u>12</u>	Separators: <u>4</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>2</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: _____

**Location****Lease Road:**

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			
Main	Satisfactory			

**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	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
WELLHEAD	Satisfactory	fence panels		
IGNITOR/COMBUSTOR	Satisfactory	Chain link		
SEPARATOR	Satisfactory	fence panels		
TANK BATTERY	Satisfactory	fence panels		

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	11	Satisfactory			
Deadman # & Marked	4	Satisfactory			
VRU	1	Satisfactory			
Horizontal Heated Separator	7	Satisfactory			
Bird Protectors	18	Satisfactory			

Inspector Name: Covington, Dave

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	500 BBLS	STEEL AST	39.938340,-108.349750
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	6	500 BBLS	STEEL AST	39.938340,-108.349750
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>Venting:</b>	_____
Yes/No	Comment
NO	_____

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

<b><u>Predrill</u></b>	
Location ID: 290780	
<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
Agency	kubeczkod	Location is in a sensitive area because of close proximity to surface water, therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.	12/10/2009
Agency	kubeczkod	Operator must implement best management practices to contain any unintentional release of fluids.	12/10/2009
OGLA	kubeczkod	<p>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).</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.</p> <p>Operator must ensure secondary containment for any volume of fluids contained at frac pad site during 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>Flowback and stimulation fluids from the wells to be hydraulically stimulated from this frac pad should be sent to tanks, separators, or other containment/filtering equipment at the well pad site(s) before the fluids can be placed into any pipeline, storage vessel, or frac tanks at this location, or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment at the well pad site(s) must be placed in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused at the frac pad site shall also have additional downgradient perimeter berming and must be constructed to be sufficiently impervious to contain any spilled or released material.</p>	02/07/2014

**S/U/V:** \_\_\_\_\_**Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>Site Specific Conditions and Storm Water Management Plan</p> <p>SITE DESCRIPTION:</p> <p>Project/Site Name: Federal RGU 11 -25 -198 Field Name: Ryan Gulch</p>

Location: Section 25, Township 1 South, Range 98 West

CDPS Permit #:COR- 03A115

Site Type: Well Pad

SWMP Administrator: Mike Gardner

CDPS Permit Date: 05/16/06

Estimated Disturbance: —6.8 Acres

Inspection Type: 14 day upon construction; 30 day upon interim reclamation

SOIL AND VEGETATION DESCRIPTION:

Soil Types: Rentsac channery loam

Soil Erosion Potential: Moderate

Existing Vegetation Description: Pinyon- Juniper woodland with assorted grasses /shrubs

Pre - Disturbance Vegetative Cover: —55%

Seed Mix for Interim Reclamation: BLM White River Field Office Mix #3

Final Stabilization Date: TBD

RECEIVING WATERS

Name of Receiving Waters: Unnamed Drainage

Distance to Receiving Waters: —0.15 Miles

Non -Storm Water Discharges: None Anticipated

Description of Potential Pollution Sources: Refer to Ryan Gulch Field Wide SWMP

Phased BMP Implementation \*:

BMPs will be installed prior to, during, and immediately following construction as practicable with consideration given to safety, access, and ground conditions at the time

of construction. Due to the nature of the topography at the site, any number of BMP combinations may be utilized at any phase of the project. Constant efforts will be employed to limit the extent of vegetative disturbance at the time of soil exposure during all construction activities and structural BMP implementation.

For BMP descriptions and installation details, refer to the Ryan Gulch Field Wide SWMP and the "Storm Water and 404 Handbook of Best Management Practices (BMPs), January 2006."

Construction Phase:

A perimeter earthen berm will be constructed around the edge of the pad during well pad construction to prevent the potential offsite transport of pollutant laden storm water. A perimeter sediment ditch will be constructed along the outside edge of the well pad to prevent offsite transport of any potential pollutants carried via storm water runoff. A row of straw wattles will be installed to protect an unnamed drainage that exists off of the

E /SE side of the well pad. During construction, the topsoil stockpile will be seeded to aid in stabilization and to maintain a desired nutrient cycling regime.

Additional structural BMPs will be installed as necessary to ensure site stabilization and to protect surface water quality.

Interim Reclamation Phase:

After the well pad has been constructed, drilling and completions are completed, with production facilities in operation, the site will be graded to reduce cut and fill slopes to minimize the overall size of the well pad. Where practicable, the topsoil stockpile will be spread onto the re- contoured surface. Any remaining topsoil will be seeded to maintain stabilization and continued nutrient cycling. The well pad will be re- seeded upon

completed grading activities. Permanent structural BMPs will be installed and maintained as necessary to assist in site stabilization during interim reclamation.

Final Stabilization Phase:

After all wells have been plugged and abandoned, and production facilities are removed, the well pad will be graded to restore pre- disturbance contours. Any remaining topsoil will be spread onto the re- contoured surface. The well pad will be re- seeded upon completed grading activities. Stone water inspections will continue until the site has reached a stabilization level of 70% of pre-disturbance conditions. Once the site reached

final stabilization, a post construction storm water management program will be implemented per COGCC Final Amended Rules (December 17, 2008), Rule 1002 (f) (3).

\*NOTE:

This document is intended to serve as a preliminary plan to document proposed stormwater

	<p>management practices for this project. Any additional/alternative site stabilization and/or reclamation efforts may be employed in reflection of unforeseen site conditions or resource availability, and will be</p> <p>updated into the Ryan Gulch Field Wide SWMP per requirements of CDPS Permit COR- 03A115, regulated by the Colorado Department of Health and Environment's (CDPHE) General Permit No. COR- 03000.</p>
PROPOSED BMPs	<p>Proposed BMPs</p> <p>Williams Production RMT</p> <p>RGU 11 -25 -198 Pad</p> <p>Attachment to Form 2A</p> <p>2A Attachment 10B</p> <p>Note: Williams is in the process of finalizing a Memorandum of Understanding (MOU) with the CDOW and BLM which sets forth</p> <p>commitments for the protection of wintering Mule Deer while year round drilling takes place within a concentrated area of northeast Ryan Gulch. Also associated with this MOU is a Wildlife Management Plan currently in preparation which will further guide activity in this part of the Ryan Gulch field. It is anticipated these documents will be in place by December 1, 2009.</p> <ul style="list-style-type: none"> <li>• Maximize the use of directional drilling to minimize habitat loss /fragmentation</li> <li>• Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain.</li> <li>• Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.</li> <li>• Minimize rig mobilization and demobilization where practicable by completing or recompleting all wells from a given well pad before moving rigs to a new location.</li> <li>• To the extent practicable, share and consolidate new corridors for pipeline rights - of -way and roads to minimize surface disturbance.</li> <li>• Engineer new pipelines to reduce field fitting and reduce excessive right -of -way widths and reclamation.</li> <li>• Treat waste water pits and any associated pit containing water that provides a medium for breeding mosquitoes with Bti (Bacillus thuringiensis v. israelensis) or take other effective action to control mosquito larvae that may spread West Nile Virus to wildlife, especially grouse.</li> <li>• Use wildlife appropriate seed mixes wherever allowed by surface owners and regulatory agencies.</li> <li>• Mow or brushhog vegetation where appropriate, leaving root structure intact, instead of scraping the surface, where allowed by the surface owner.</li> <li>• Post speed limits and caution signs to the extent allowed by surface owners, Federal and state regulations, local government, and land use policies, as appropriate.</li> <li>• Use wildlife- appropriate fencing where acceptable to the surface owner.</li> </ul>

- Use remote monitoring of well production to the extent practicable.
- Install and utilize bear -proof dumpsters and trash receptacles for food - related trash at all facilities that generate such trash.
- Plan new transportation networks and new oil and gas facilities to minimize surface disturbance and the number and length of oil and gas roads and utilize common roads, rights of way, and access points to the extent practicable
- Establish new staging, refueling, and chemical storage areas outside of riparian zones and floodplains.
- Use minimum practical construction widths for new rights -of -way where pipelines cross riparian areas, streams, and critical habitats.
- Construct fluid pit fences and nets that are capable of withstanding animal pressure and environmental conditions and that are appropriately sized for the wildlife encountered.
- Install impermeable barriers beneath fluid pits to protect groundwater, riparian areas and wetlands.
- Skim and eliminate oil from produced water ponds and fluid pits at a rate sufficient to prevent oiling of birds or other wildlife that could gain access to the pit.
- Apply an aggressive, integrated, noxious and invasive weed management plan. Utilize an adaptive management strategy that permits effective responses to monitored findings and reflects local site and geologic conditions
- Strip and segregate topsoil prior to construction. Appropriately configure topsoil piles and immediately seed to control erosion, prevent weed establishment and maintain soil microbial activity
- Reclaim reserve pits as quickly as practical after drilling and ensure that pit contents do not contaminate soil.
- Perform interim reclamation on all disturbed areas not needed for active support of production operations
- Control weeds in areas surrounding reclamation areas in order to reduce weed competition
- Educate employees and contractors about weed issues
- Maintain pre and post development site inspection records and monitor operations for compliance
- Utilize GIS technologies to assess the extent of disturbance and document the reclamation progression and the footprint of disturbances

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

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

**Stormwater:**

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

**Staking:**

**On Site Inspection (305):**

**Surface Owner Contact Information:**

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

**Operator Rep. Contact Information:**



Inspector Name: Covington, Dave

Landman Name: _____	Phone Number: _____
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: 290780	Type: WELL	API Number: 103-11022	Status: PR	Insp. Status: PR
Facility ID: 301340	Type: WELL	API Number: 103-11448	Status: PR	Insp. Status: PR
Facility ID: 301341	Type: WELL	API Number: 103-11449	Status: PR	Insp. Status: PR
Facility ID: 301342	Type: WELL	API Number: 103-11450	Status: PR	Insp. Status: PR
Facility ID: 301343	Type: WELL	API Number: 103-11451	Status: PR	Insp. Status: PR
Facility ID: 301344	Type: WELL	API Number: 103-11452	Status: PR	Insp. Status: PR
Facility ID: 301345	Type: WELL	API Number: 103-11453	Status: PR	Insp. Status: PR
Facility ID: 301346	Type: WELL	API Number: 103-11454	Status: PR	Insp. Status: PR
Facility ID: 414830	Type: WELL	API Number: 103-11628	Status: PR	Insp. Status: PR
Facility ID: 414845	Type: WELL	API Number: 103-11629	Status: PR	Insp. Status: PR
Facility ID: 414874	Type: WELL	API Number: 103-11630	Status: PR	Insp. Status: PR

**Producing Well**

Comment: 11 wells, 10 tanks, and 6 separators on location. North of CR24.

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

Inspector Name: Covington, Dave

**Water Well:**

Lat

Long

DWR Receipt Num:

Owner Name:

GPS :

**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? 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? Pass CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Guy line anchors marked? Pass 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? \_\_\_\_\_ 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 Pass

Inspector Name: Covington, Dave

**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 ☐

Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Ditches	Pass					

S/U/V: Satisfactory

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

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

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

**Pits:** ☒ NO SURFACE INDICATION OF PIT