

Inspector Name: Waldron, Emily

**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

DE ET OE ES

Inspection Date:  
04/27/2015Document Number:  
673402071Overall Inspection:  
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	415991	315608	Waldron, Emily	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 96850Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLCAddress: 1001 17TH STREET - SUITE #1200City: 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
Gardner, Michael	970-623-4875	michael.gardner@wpxenergy.com	
Moss, Brad		brad.moss@wpxenergy.com	All inspections

**Compliance Summary:**QtrQtr: SENW Sec: 5 Twp: 3S Range: 97W**Inspector Comment:**

API 103-11651 never drilled. Form 4 to abandon permit document number 400508281.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
112972	PIT	AC	09/23/1999		-	GOVERNMENT 397-5-1	AC	<input type="checkbox"/>
231139	WELL	PR	01/11/1981	GW	103-08808	GOVERNMENT 397-5-1	PR	<input type="checkbox"/>
412209	WELL	PR	05/01/2011	GW	103-11507	FEDERAL RG 532-5-397	PR	<input type="checkbox"/>
415944	WELL	PR	07/15/2011	GW	103-11650	FEDERAL RG 12-5-397	PR	<input type="checkbox"/>
415991	WELL	AL	11/06/2013	LO	103-11651	FEDERAL RG 13-5-397	AL	<input checked="" type="checkbox"/>

**Equipment:****Location Inventory**

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>8</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>6</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: <u>2</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

Emergency Contact Number (S/A/V): \_\_\_\_\_

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

Inspector Name: Waldron, Emily

Comment:

Corrective Action:

**Spills:**

Type	Area	Volume	Corrective action	CA Date
------	------	--------	-------------------	---------

☐ Multiple Spills and Releases?

**Venting:**

Yes/No	Comment
--------	---------

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
------	------------------------------	---------	-------------------	---------

**Predrill**

Location ID: 415991

**Site Preparation:**

Lease Road Adeq.: Pads: Soil Stockpile:

**S/A/V:**

Corrective Action: Date: CDP Num.:

**Form 2A COAs:**

Group	User	Comment	Date
Agency	yokleyb	Reserve pit must be lined.	03/01/2010
Agency	yokleyb	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, the drill cuttings must also meet the applicable standards of table 910-1.	03/01/2010
Agency	yokleyb	No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.	03/01/2010
Agency	yokleyb	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	03/01/2010

**S/A/V:** **Comment:**

**CA:** **Date:**

**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	Site Specific Conditions and Storm Water Management Plan  SITE DESCRIPTION:  Project/Site Name: Federal RG 22 -5 -397 Field Name: Ryan Gulch  Location: Section 5, Township 3 South, Range 97 West  CDPS Permit #:COR- 03A115 CDPS Permit Date: 05/16/06  Site Type: Well Pad

SWMP Administrator: Mike Gardner

Estimated Disturbance: —5.5 Acres

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

#### SOIL AND VEGETATION DESCRIPTION:

Soil Types: Redcreek- Rent sac complex Soil Erosion Potential: Moderate

Pre Construction Estimated Runoff Coefficient: 0.1 -0.3

Post Construction Estimated Runoff Coefficient: 0.3

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

Pre - Disturbance Vegetative Cover: —35%

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

Final Stabilization Date: TBD

#### RECEIVING WATERS

Name of Receiving Waters: Dry Gulch to Black Sulphur Creek

Distance to Receiving Waters: —1/4 mile to Dry Gulch

Non -Storm Water Discharges: None Anticipated

#### BEST MANAGEMENT PRACTICES

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

Construction Phase:

A perimeter eathem 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 fill slope to prevent offsite

	<p>transport of any potential pollutants carved via storm water runoff. At the down - gradient edge of the perimeter ditch, a sediment retention basin will be constructed to collect sediment the may be transported via the perimeter sediment ditch. The sediment retention basin will lined with marify fabric and armored with rock to allow the</p> <p>sediment to be filtered and contained in the basin, while allowing clean storm water to continue migration off -site.</p> <p>Perimeter controls (i.e. straw wattles /straw bales) will be established around the topsoil stockpile to prevent any potential erosion or sediment transport. Additional structural BMPs will be installed as necessary to ensure site stabilization and to protect surface water quality.</p> <p>Interim Reclamation Phase:</p> <p>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. 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.</p> <p>Final Stabilization Phase:</p> <p>After all wells have been plugged and abandoned, and production facilities are removed, the well pad will be graded to restore pre - disturbance contours. The well pad will be re- seeded upon completed grading activities. Storm 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).</p>
<p>PROPOSED BMPs</p>	<p>Proposed BMPs</p> <p>Williams Production RMT</p> <p>RG 22 -5 -397 Pad</p> <p>Attachment to Form 2A</p> <p>2A Exhibit 10</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> </ul>

- 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.
- Use wildlife appropriate seed mixes wherever allowed by surface owners and regulatory agencies.
- Mow or brushhog vegetation where appropriate, leaving root structure intact, instead of scraping the surface, where allowed by the surface owner.
- 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.
- Use wildlife- appropriate fencing where acceptable to the surface owner.
- 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

Inspector Name: Waldron, Emily

**S/A/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:

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:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Facility**

Facility ID: 415991 Type: WELL API Number: 103-11651 Status: AL Insp. Status: AL

**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 \_\_\_\_\_

Inspector Name: Waldron, Emily

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

S/A/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

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

**COGCC Comments**

Comment	User	Date
API 103-11651 never drilled. Form 4 to abandon permit document number 400508281.	waldrone	04/30/2015