

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:
04/27/2015

Document Number:
673402055

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

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

Operator Information:

OGCC Operator Number:	<u>96850</u>
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>

- 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:

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 checked="" type="checkbox"/>
412209	WELL	PR	05/01/2011	GW	103-11507	FEDERAL RG 532-5-397	PR	<input checked="" type="checkbox"/>
415944	WELL	PR	07/15/2011	GW	103-11650	FEDERAL RG 12-5-397	PR	<input checked="" type="checkbox"/>
415991	WELL	AL	11/06/2013	LO	103-11651	FEDERAL RG 13-5-397	AL	<input 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 Mortors: _____	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

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	ACTION REQUIRED	No wellhead sign on 103-08808	Install sign to comply with rule 210.	05/27/2015
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY	At seperator.		

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: _____

Comment: 970-285-9377

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK BATTERY	SATISFACTORY			
SEPARATOR	SATISFACTORY			
WELLHEAD	SATISFACTORY			

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Horizontal Heated Separator	2	SATISFACTORY	39.81979, -108.30621		
Plunger Lift	3	SATISFACTORY			
Deadman # & Marked	6	SATISFACTORY			
Bird Protectors		SATISFACTORY			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	500 BBLS	HEATED STEEL AST	,

S/A/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			Adequate

Corrective Action _____ Corrective Date _____

Comment

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	6	500 BBLS	HEATED STEEL AST	39.819760,-108.305970

S/A/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			Adequate

Corrective Action _____ Corrective Date _____

Comment _____

Venting:

Yes/No	Comment
NO	

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 315608

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	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
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	Reserve pit must be lined.	03/01/2010

S/AV: _____ **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 RG 22 -5 -397 Field Name: Ryan Gulch</p> <p>Location: Section 5, Township 3 South, Range 97 West</p> <p>CDPS Permit #:COR- 03A115 CDPS Permit Date: 05/16/06</p> <p>Site Type: Well Pad</p> <p>SWMP Administrator: Mike Gardner</p> <p>Estimated Disturbance: —5.5 Acres</p> <p>Inspection Type: 14 day upon construction, 30 day upon interim reclamation</p> <p>SOIL AND VEGETATION DESCRIPTION:</p> <p>Soil Types: Redcreek- Rent sac complex Soil Erosion Potential: Moderate</p> <p>Pre Construction Estimated Runoff Coefficient: 0.1 -0.3</p> <p>Post Construction Estimated Runoff Coefficient: 0.3</p> <p>Existing Vegetation Description:Pinyon- Juniper woodland with assorted grasses /shrubs</p> <p>Pre - Disturbance Vegetative Cover: —35%</p> <p>Seed Mix for Interim Reclamation: BLM White River Field Office Mix #3</p> <p>Final Stabilization Date: TBD</p> <p>RECEIVING WATERS</p> <p>Name of Receiving Waters: Dry Gulch to Black Sulphur Creek</p> <p>Distance to Receiving Waters: —1/4 mile to Dry Gulch</p> <p>Non -Storm Water Discharges: None Anticipated</p> <p>BEST MANAGEMENT PRACTICES</p> <p>Description of Potential Pollution Sources: Refer to Ryan Gulch Field Wide SWMP</p> <p>Phased BMP Implementation:</p>

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 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

sediment to be filtered and contained in the basin, while allowing clean storm water to continue migration off -site.

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.

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. 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. 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).

PROPOSED BMPs

Proposed BMPs

Williams Production RMT

RG 22 -5 -397 Pad

Attachment to Form 2A

2A Exhibit 10

- Maximize the use of directional drilling to minimize habitat loss /fragmentation

- Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain.
- Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.
- Minimize rig mobilization and demobilization where practicable by completing or re-completing all wells from a given well pad before moving rigs to a new location.
- To the extent practicable, share and consolidate new corridors for pipeline rights - of -way and roads to minimize surface disturbance.
- Engineer new pipelines to reduce field fitting and reduce excessive right -of -way widths and reclamation.
- 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

S/AV: _____ **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: 231139 Type: WELL API Number: 103-08808 Status: PR Insp. Status: PR

Producing Well

Comment: _____

Facility ID: 412209 Type: WELL API Number: 103-11507 Status: PR Insp. Status: PR

Producing Well

Comment: _____

Facility ID: 415944 Type: WELL API Number: 103-11650 Status: PR Insp. Status: PR

Producing Well

Comment:

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 _____

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					
Compaction	Pass					
Gravel	Pass					
Berms	Pass					
Berms	Fail					

S/A/V: SATISFACTOR Corrective Date: 05/27/2015
 Y

Comment: What is covered tank near seperator being used for? No apparent soil migration; erosion or soil movement.

CA: Tank needs secondary containment.

Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT	
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