

**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:

08/16/2013

Document Number:

663901501

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>335925</u>	<u>335925</u>	<u>LONGWORTH, MIKE</u>	<input type="checkbox"/> 2A Doc Num: _____

**Operator Information:**OGCC Operator Number: 96850 Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLCAddress: 1001 17TH STREET - SUITE #1200City: DENVERState: COZip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
KELLERBY, SHAUN		shaun.kellerby@state.co.us	
Moss, Brad	(970) 285-9377	Brad.Moss@WPXEnergy.com	Production foreman
Gardner, Michael	970/285-9377 ext. 2760	Michael.Gardner@WPXEnergy.com	Principal Environmental Specialist

**Compliance Summary:**QtrQtr: SESW Sec: 28 Twp: 5S Range: 97W**Inspector Comment:**

9 cellars and conductors open on location. 4 Producing well 1 well is being worked on by work over rig, 1 Abandon Location and 8 XX (not drilled) wells. AL well should have conductor and cellar closed. xx wells have permits that expire 2/27/2014. Close conductor, cellar and rathole for AL well TR14-28. Contact COGCC inspector Mike Longworth to discuss closer plan.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
277496	WELL	PR	01/01/2006	GW	045-10707	CHEVRON TR 24-28-597	<input type="checkbox"/>
299971	WELL	AL	01/11/2010	LO	045-17808	CHEVRON TR 14-28-597	<input checked="" type="checkbox"/>
299985	WELL	PR	08/10/2011	GW	045-17809	CHEVRON TR 324-28-597	<input type="checkbox"/>
299986	WELL	PR	08/08/2011	GW	045-17810	CHEVRON TR 513-28-597	<input type="checkbox"/>
299987	WELL	XX	02/06/2012	LO	045-17811	Chevron TR 414-28-597	<input type="checkbox"/>
299988	WELL	XX	02/06/2012	LO	045-17812	Chevron TR 413-28-597	<input type="checkbox"/>
299989	WELL	PR	11/04/2011	GW	045-17813	CHEVRON TR 314-28-597	<input type="checkbox"/>
299990	WELL	PR	08/13/2009	GW	045-17814	CHEVRON TR 313-28-597	<input type="checkbox"/>
299991	WELL	XX	02/06/2012	LO	045-17815	Chevron TR 524-28-597	<input type="checkbox"/>
299992	WELL	XX	02/02/2012	LO	045-17816	Chevron TR 514-28-597	<input type="checkbox"/>
299993	WELL	XX	02/06/2012	LO	045-17817	Chevron TR 424-28-597	<input type="checkbox"/>
415844	WELL	XX	02/26/2010	LO	045-19167	Chevron TR 523-28-597	<input type="checkbox"/>
415845	WELL	XX	02/26/2010	LO	045-19168	Chevron TR 323-28-597	<input type="checkbox"/>
415881	WELL	XX	02/26/2010	LO	045-19170	Chevron TR 423-28-597	<input type="checkbox"/>

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

Inspector Name: LONGWORTH, MIKE

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>13</u>	Production Pits: <u>1</u>
Condensate Tanks: <u>2</u>	Water Tanks: <u>6</u>	Separators: <u>4</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>2</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

### Location

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

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

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

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

### Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

### Venting:

Yes/No	Comment

### Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

### Predrill

Location ID: 335925

### Site Preparation:

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

### Form 2A COAs:

Group	User	Comment	Date
Agency	yokleyb	Reserve pit must be lined.	02/25/2010
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.	02/25/2010
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.	02/25/2010
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.	02/25/2010

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

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

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

### Wildlife BMPs:

BMP Type	Comment
PROPOSED BMPs	<p data-bbox="358 128 1073 159">Site Specific Conditions and Storm Water Management Plan</p> <p data-bbox="358 247 618 279">SITE DESCRIPTION:</p> <p data-bbox="358 306 1162 338">Project/Site Name: Chevron TR 24 -28 -597 Field Name: Trail Ridge</p> <p data-bbox="358 365 1029 396">Location: Section 28, Township 5 South, Range 97 West</p> <p data-bbox="358 424 1062 455">CDPS Permit #:COR- 03A116 CDPS Permit Date: 05/16/06</p> <p data-bbox="358 483 594 514">Site Type: Well Pad</p> <p data-bbox="358 541 784 573">SWMP Administrator: Mike Gardner</p> <p data-bbox="358 600 781 632">Estimated Disturbance: —9.5 Acres</p> <p data-bbox="358 659 1252 690">Inspection Type: 14 day upon construction; 30 day upon interim reclamation</p> <p data-bbox="358 779 862 810">SOIL AND VEGETATION DESCRIPTION:</p> <p data-bbox="358 837 1081 869">Soil Types: Parachute - higul complex, 5 to 30 percent slopes</p> <p data-bbox="358 896 1089 928">Parachute - Irigul -Rhône association, 25 to 50 percent slopes</p> <p data-bbox="358 1016 1406 1047">Soil Erosion Potential: Moderate — Severe (Erodibility 0.50 — 0.75; USDA -NRCS WSS)</p> <p data-bbox="358 1136 737 1167">Existing Vegetation Description:</p> <p data-bbox="358 1194 1097 1226">Shrubland — oak, serviceberry, sage — with assorted grasses</p> <p data-bbox="358 1314 867 1346">Pre- Disturbance Vegetative Cover: —55%</p> <p data-bbox="358 1434 1049 1465">Seed Mix for Interim Reclamation: Chevron High Elevation</p> <p data-bbox="358 1554 699 1585">Final Stabilization Date: TBD</p> <p data-bbox="358 1673 630 1705">RECEIVING WATERS</p> <p data-bbox="358 1732 834 1764">Name of Receiving Waters: Short Gulch</p> <p data-bbox="358 1791 873 1822">Distance to Receiving Waters: —0.63 Miles</p> <p data-bbox="358 1850 932 1881">Non -Storm Water Discharges: None Anticipated</p> <p data-bbox="358 1908 1317 1940">Description of Potential Pollution Sources: Refer to Trail Ridge Field Wide SWMP</p>

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.

Through all phases of the project native vegetation will be preserved to the extent possible and utilized as a BMP to filter storm water and eliminate the possibility of pollutant laden storm water from reaching live water. As practicable, all topsoil

stockpiles will be located as to divert run -on and will be temporary seeded to maintain soil structure, microbial activity, soil fertility, establishment of invasive species and

protect from erosion.

For BMP descriptions and installation details, refer to the Trail Ridge 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. Sediment traps will be implemented along the perimeter sediment ditch near the northwest and southwest corners of the well pad and approximately mid -reach along the southern boundary of the well pad; to eliminate sediment transport off location by increasing residence time of the storm water and therefore settling of suspended sediment. All fill slopes will utilize native rock armoring to stabilize the slope and reduce erosion potential during the construction phase. The use of redundant BMPs is employed to alleviate the potential of sediment or other pollutant laden storm water from migrating offsite due to failure of one or more of the sequential BMPs implemented.

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. 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).

**\*NOTE:**

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

**PROPOSED BMPs**

**Proposed BMP's**

Williams Production RMT Company

Chevron TR 24 -28 -597 Pad

Attachment to Form 2A

Williams Production RMT Company (Williams) is in the process of working with its surface owner, Chevron U.S.A. Inc (Chevron), to establish operational guidelines which incorporate measures

recommended by the CDOW for protection of Greater Sage Grouse. For all well pads that are located within Greater Sage Grouse RSO lek areas, Williams and Chevron will enter into a separate Wildlife Mitigation Agreement, which will include additional measures above and beyond those laid forth in the Surface Damage Agreement for protection of Greater Sage Grouse Habitat.

- 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 reCompleting 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 therefore subsequent reclamation requirements.
- Plan new transportation networks and new oil and gas facilities to minimize surface disturbance and the number and length of oil and gas roads through the utilization of common roads, rights of way, and access points to the extent practicable.
- 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 remote monitoring of well production to the extent practicable.

- Use wildlife- appropriate fencing where acceptable to the surface owner.
- Install and utilize bear -proof dumpsters and trash receptacles for food - related trash at all facilities that generate such trash.
- Construct habitat improvement projects as practical.
- Commensurate with the language set forth on the Surface Damage Agreement, interim and final reclamation shall be performed as early as practical and to the greatest extent possible.
- 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.
- Apply an aggressive, integrated, noxious and invasive weed management plan. Utilize an adaptive management strategy that permits effective response(s) to monitored findings and reflects local site geography and conditions. Strip and segregate topsoil prior to construction.

PROPOSED BMPs	<p>as noted on the Form 2A. Actual depth to ground water is no less than 150' from pad surface, as estimated by extrapolating water levels from existing wells in neighboring township T6S -R97W.</p> <p>6. Pad is not located within a sensitive area as defined in the COGCC Final Amended Rules. Pad is not located in close proximity to shallow ground water, surface water, public water intakes, domestic wells, ground water basins or surface water supply areas.</p> <p>7. Pad is currently scheduled for a May 1, 2010 spud date. Drilling rig release date is expected to be August 15, 2010. We anticipate completing these wells during the fall of 2011, followed by interim reclamation to begin no sooner than May 2012. Drilling and completions timelines are subject to change in the event that Williams Production elects to pursue additional or fewer wells off this pad.</p> <p>8. There will be a total of two pits on this pad. Existing reserve pit will be re-lined and used in its current location. The lined reserve pit will be reclaimed after drilling activities are completed. There will also be a lined production pit located on this pad. This production pit will be expanded after the reserve pit has been reclaimed. The attached Form 15 requests authorization to construct the lined production pit and pit expansion. Production pit will be kept open and used to evaporate produced water. Existing production pit ( #277098) will be reclaimed pending approval of the Form 27 submitted previously. All fluid pits will be lined, at a minimum, in accordance with the specifications set forth in the COGCC Final Amended Rules. All pits will be constructed in cut; no portions of any fluid - containing pits shall exist in fill slopes.</p> <p>9. All fluid pits will be lined, at a minimum, in accordance with the specifications set forth in the COGCC Final Amended Rules. All pits will be constructed in cut; no portions of any fluid - containing pits shall exist in fill slopes.</p> <p>10. No additional surface disturbance will be required in order to drill the remaining planned wells on this pad.</p> <p>11. Cultural resource measurements taken as follows:</p> <p>a. Distance to nearest building — measured to an intermittently occupied hunting cabin located in the SENW of sec 17: T5S -R97W.</p> <p>b. Distance to nearest public road — measured to CR 211 located to the SW of the location reference point.</p> <p>c. Distance to nearest above ground utility — measured to the north edge of the town of Parachute. To the best of our knowledge, no above ground utilities are immediately proximate to the location reference point.</p> <p>d. Distance to nearest railroad — to the best of our knowledge, the nearest railroad on the other side of the Colorado River to the SSW of the location reference point.</p> <p>e. Distance to the nearest property line — measured to the NWNE of Sec 1: T6S -R98W.</p>
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**Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

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

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**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: 299971 Type: WELL API Number: 045-17808 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: \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

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

Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

S/U/V:  Corrective Date:

Comment:

CA: