

**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:

10/29/2014

Document Number:

674700493

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	324417	324417	LONGWORTH, MIKE	<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
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
Kellerby, Shaun		shaun.kellerby@state.co.us	

Compliance Summary:QtrQtr: SESE Sec: 27 Twp: 5S Range: 97W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/29/2013	663902088			ACTION REQUIRED	F		No
08/29/2013	663902090			ACTION REQUIRED			No
08/31/2010	200269932	SR	ND	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
290849	WELL	AL	10/02/2013	LO	045-14225	Chevron TR 11-35-597	AL	<input type="checkbox"/>
301966	WELL	PR	11/30/2011	GW	045-18339	CHEVRON TR 513-26-597	PR	<input checked="" type="checkbox"/>
301967	WELL	AL	10/02/2013	LO	045-18340	CHEVRON TR 44-27-597	AL	<input type="checkbox"/>
301968	WELL	AL	10/02/2013	LO	045-18341	CHEVRON TR 444-27-597	AL	<input type="checkbox"/>
301969	WELL	PR	11/29/2011	GW	045-18342	CHEVRON TR 41-34-597	PR	<input checked="" type="checkbox"/>
301970	WELL	AL	10/02/2013	LO	045-18343	CHEVRON TR 443-27-597	AL	<input type="checkbox"/>
301971	WELL	PR	11/30/2011	GW	045-18344	CHEVRON TR 441-34-597	PR	<input checked="" type="checkbox"/>

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416137	WELL	PR	10/04/2012	GW	045-19220	CHEVRON TR 543-27-597	PR	<input checked="" type="checkbox"/>
416139	WELL	AL	10/02/2013	LO	045-19221	CHEVRON TR 14-26-597	AL	<input type="checkbox"/>
416140	WELL	PR	06/23/2011	GW	045-19222	CHEVRON TR 344-27-597	PR	<input checked="" type="checkbox"/>
416148	WELL	PR	06/25/2012	GW	045-19223	CHEVRON TR 42-34-597	PR	<input checked="" type="checkbox"/>
416365	WELL	AL	10/02/2013	LO	045-19259	CHEVRON TR 544-27-597	AL	<input type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>21</u>	Production Pits: _____
Condensate Tanks: <u>2</u>	Water Tanks: <u>6</u>	Separators: <u>5</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: <u>1</u>	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
CONTAINERS	SATISFACTORY			

Emergency Contact Number (S/A/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/Action Required	Comment	Corrective Action	CA Date
SEPARATOR	SATISFACTORY			
WELLHEAD	SATISFACTORY			
TANK BATTERY	SATISFACTORY			

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Plunger Lift	6	SATISFACTORY			
Ancillary equipment	3	SATISFACTORY	Chemical containers		

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Horizontal Heated Separator	9	SATISFACTORY			
Bird Protectors	10	SATISFACTORY			
Emission Control Device	1	SATISFACTORY			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	400 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
Corrective Action				Corrective Date
Comment				

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	OTHER	HEATED STEEL AST	,
S/A/V:	SATISFACTORY	Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) 10,000 bbl

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment	Remove storm water from berm.			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	400 BBLS	HEATED STEEL AST	,
S/A/V:	SATISFACTORY	Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Inspector Name: LONGWORTH, MIKE

Other (Content) _____
Other (Capacity) _____
Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action	Corrective Date

Venting:

Yes/No _____ Comment _____

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 324417

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
Agency	kubeczkod	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.	02/04/2010
Agency	kubeczkod	Reserve pit must be lined.	02/04/2010
Agency	kubeczkod	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.	02/04/2010
Agency	kubeczkod	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.	02/04/2010

S/A/V: SATISFACTORY

Comment: No drilling permits for location

CA: _____

Date: _____

Wildlife BMPs:

BMP Type	Comment
PROPOSED BMPs	2A Exhibit 10 Site Specific Conditions and Storm Water Management Plan SITE DESCRIPTION: Project/Site Name: Chevron TR 44 -27 -597 Field Name: Trail Ridge

Location: Section 27, Township 5 South, Range 97 West

CDPS Permit #:COR- 03A116

Site Type: Well Pad

SWMP Administrator: Mike Gardner

CDPS Permit Date: 05/16/06

Estimated Disturbance: —10.8 Acres

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

SOIL AND VEGETATION DESCRIPTION:

Soil Types: Northwater -Adel complex, 5 to 50 percent slopes

Parachute - Irigul -Rhone association, 5 to 30 percent slopes

Parachute -bigul -Rhone association, 25 to 50 percent slopes

Soil Erosion Potential: Moderate — Severe (Erodibility 0.50 — 0.75; USDA -NRCS WSS)

Existing Vegetation Description:

Dominated by shrubland species and assorted grasses intersecting forest land — aspen — to the northeast

Pre - Disturbance Vegetative Cover: —60%

Seed Mix for Interim Reclamation: Chevron High Elevation

Final Stabilization Date: TBD

RECEIVING WATERS

Name of Receiving Waters: Crystal Creek

Distance to Receiving Waters: —0.32 Miles

Non -Storm Water Discharges: None Anticipated

2A Exhibit 10

Description of Potential Pollution Sources: Refer to Trail Ridge 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.

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. Since the well pad is located along a ridge line there are two distinct drainage pattern; one

northwesterly the other southeasterly. Sediment traps implemented along the western perimeter of the pad will be located as follows: one near each pad corner and the third near mid -point of the reach. Sediment traps implemented along the eastern perimeter of the pad will be located as follows: one near mid -point of the reach at the lowest point of the perimeter ditch; and the other two located downgradient from the pad surface, opposite sides of the stockpile and at the edge of the bench before the grade steepens. These sediment traps are intended to eliminate sediment transport off location by reducing flow energy which limits the capacity to suspend sediment, increasing residence time of the storm water and therefore settling of suspended sediment. A brush barrier also parallels the western boundary of the well pad's disturbed area aiding in sediment and runoff control. 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:

	<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. 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).</p> <p>*NOTE:</p> <p>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.</p>
PROPOSED BMPs	<p>Proposed BMP's</p> <p>Williams Production RMT Company</p> <p>Chevron TR 44 -27 -597 Pad</p> <p>Attachment to Form 2A</p> <p>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.</p> <ul style="list-style-type: none"> • Maximize the use of directional drilling to minimize habitat loss /fragmentation. • 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. • 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.

- 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. Appropriately configure topsoil piles and seed as immediate as practicable to control erosion, prevent weed establishment and maintain soil microbial activity.
- Perform interim reclamation on all disturbed areas not needed for active support of production operations consistent with applicable timing restrictions and requirements.
- Control weeds in areas surrounding reclamation areas, as reasonable, 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 initial and final extent of disturbance and document reclamation progression.
- Ensure that staging, refueling, and chemical storage areas are established outside of riparian zones and floodplains, as appropriate.
- Use minimum practical construction widths for new rights -of -way where pipelines cross riparian areas, streams, and critical habitats where possible.
- Store and stage emergency spill response equipment at strategic locations so that it is available to expedite effective spill response.
- Treat waste water pits and any associated pit containing water that provides a medium for breeding mosquitoes with Bti (*Bacillus thuringiensis v. israelensis*) or other similar products, or take other effective action to control mosquito larvae that may spread West Nile Virus to wildlife, especially grouse.
- 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.
- 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 and as consistent with COGCC skimming requirements.
- Reclaim reserve pits as quickly as practical after drilling and and completions to ensure that pit contents do not offer the possibility of unnecessary environmental liability to the environment or local biota.
- Install and retrofit, as practical, dual pit liners beneath pits which may contain fluids to provide added protection groundwater, riparian and wetland resources in the immediate and adjacent area(s).
- Install and maintain adequate measures to exclude birds and big game from all fluid pits to the greatest extent possible (e.g. fencing, netting, and other appropriate exclusionary measures).
- Perform routine inspections of netting and pit liner systems to ensure proper function and condition for preventative maintenance and incident deterrence.

S/AN: _____ **Comment:** _____

CA: _____	Date: _____
Stormwater: _____	
Comment: _____	
Staking: _____	
On Site Inspection (305):	
<u>Surface Owner Contact Information:</u>	
Name: _____	Address: _____
Phone Number: _____	Cell Phone: _____
<u>Operator Rep. Contact Information:</u>	
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: 301966	Type: WELL	API Number: 045-18339	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 301969	Type: WELL	API Number: 045-18342	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 301971	Type: WELL	API Number: 045-18344	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 416137	Type: WELL	API Number: 045-19220	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 416140	Type: WELL	API Number: 045-19222	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 416148	Type: WELL	API Number: 045-19223	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

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? _____

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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
Berms	Pass	Check Dams	Pass	MHSP	Pass	
Gravel	Pass	Ditches	Pass			
Compaction	Pass	Compaction	Pass			
		Culverts	Pass			
Seeding	Fail	Gravel	Pass			Seeding of unused ares needed

S/A/V: SATISFACTOR

Corrective Date: _____

Y

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT