

**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:

08/28/2013

Document Number:

663901968

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335936	335936	LONGWORTH, MIKE	<input type="checkbox"/>	

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

Compliance Summary:QtrQtr: NENE Sec: 22 Twp: 5S Range: 97W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/11/2011	200318527	SR	PR	S			N
08/11/2011	200318596	SR	PR	S			N
08/11/2011	200318597	SR	PR	S			N
08/11/2011	200318598	SR	PR	S			N
08/11/2011	200318595	SR	PR	S			N

Inspector Comment:

Open rathole at CTR 44-15 Close rathole by 9/14/2013.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
294866	WELL	PR	01/08/2009	GW	045-15614	CHEVRON TR 441-22-597	<input checked="" type="checkbox"/>
294867	WELL	PR	01/08/2009	GW	045-15615	CHEVRON TR 41-22-597	<input checked="" type="checkbox"/>
294868	WELL	PR	01/08/2009	GW	045-15616	CHEVRON TR 42-22-597	<input checked="" type="checkbox"/>
294869	WELL	PR	01/08/2009	GW	045-15617	CHEVRON TR 442-22-597	<input checked="" type="checkbox"/>
294870	WELL	PR	01/08/2009	GW	045-15618	CHEVRON TR44-15-597	<input checked="" type="checkbox"/>
414475	WELL	XX	07/22/2010	LO	045-18852	Chevron TR 434-15-597	<input type="checkbox"/>
414476	WELL	XX	07/22/2010	LO	045-18853	Chevron TR 432-22-597	<input type="checkbox"/>
414477	WELL	XX	07/22/2010	LO	045-18854	Chevron TR 431-22-597	<input type="checkbox"/>
414478	WELL	XX	07/22/2010	LO	045-18855	Chevron TR 32-22-597	<input type="checkbox"/>
414479	WELL	XX	07/22/2010	LO	045-18856	Chevron TR 33-22-597	<input type="checkbox"/>
414480	WELL	XX	07/22/2010	LO	045-18857	Chevron TR 31-22-597	<input type="checkbox"/>
415286	PIT		04/19/2010		-	CHEVRON TR 41-22-597 PAD	<input type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>22</u>	Production Pits: <u>1</u>
Condensate Tanks: <u>2</u>	Water Tanks: <u>6</u>	Separators: <u>6</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: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location**Signs/Marker:**

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

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Satisfactory	Land farm on east edge of location. S.E GPS measurement 39.60254 108.25829		

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
SEPARATOR	Satisfactory			
PIT	Satisfactory			
WELLHEAD	Satisfactory			
TANK BATTERY	Satisfactory			

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	5	Satisfactory			
Ancillary equipment	2	Satisfactory	Two totes of well treatment chemical at wells. Poly totes with self contained poly containment		
Bird Protectors	7	Satisfactory			

Inspector Name: LONGWORTH, MIKE

Horizontal Heated Separator	13	Satisfactory			
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Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
METHANOL	1	<50 BBLS	STEEL AST	39.603280,108.259020
S/U/V:	Satisfactory	Comment:	Tank is near the separators	
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	
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Comment	Stock tank for containment
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Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	400 BBLS	STEEL AST	,
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

Corrective Action		Corrective Date	
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Comment	
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Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	2	400 BBLS	STEEL AST	39.602940,108.258770	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: _____				Corrective Date: _____	
Paint					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
Venting:					
Yes/No		Comment			
YES		Bradens are open to vent			
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Predrill					
Location ID: 335936					
Site Preparation:					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	
Corrective Action: _____		Date: _____		CDP Num.: _____	
Form 2A COAs:					
Group	User	Comment	Date		
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.	03/19/2010		
Agency	kubeczkod	Reserve pit must be lined. If the existing reserve/drilling or multi-well pit is not lined, then it must be lined in accordance with COGCC Rule 904 prior to being used.	03/19/2010		
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.	03/19/2010		
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.	03/19/2010		
Comment: _____					
CA: _____				Date: _____	

Wildlife BMPs:

BMP Type	Comment
PROPOSED BMPs	<p data-bbox="358 176 560 205">Proposed BMP's</p> <p data-bbox="358 237 1005 266">Williams Production RMT Company (Operator #96850)</p> <p data-bbox="358 298 938 327">Chevron TR 41 -22 -597 Pad (Location #335936)</p> <p data-bbox="358 359 792 388">NENE Sec 22, T5S -R97W, 6tb P.M.</p> <p data-bbox="358 417 618 447">2A ATTACHMENT 10</p> <p data-bbox="358 478 1502 537">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</p> <p data-bbox="358 567 1502 680">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 data-bbox="358 800 1502 1982" 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.

	<ul style="list-style-type: none"> • 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.
PROPOSED BMPs	<p>2A ATTACHMENT 10</p> <p>Site Specific Conditions and Storm Water Management Plan</p> <p>SITE DESCRIPTION:</p> <p>Project/Site Name: Chevron TR 41 -22 -597 Field Name: Trail Ridge</p> <p>Location: Section 22, Township 5 South, Range 97 West</p> <p>CDPS Permit #:COR- 03A116</p> <p>Site Type: Well Pad</p> <p>SWMP Administrator: Mike Gardner</p> <p>CDPS Permit Date: 05/16/06</p>

Estimated Disturbance: —4.8 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

Soil Erosion Potential: Moderate (Erodibility 0.50; 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 BLM Oil Shale Test

Final Stabilization Date: TBD

RECEIVING WATERS

Name of Receiving Waters: Wolf Creek

Distance to Receiving Waters: —0.46 Miles

Non -Storm Water Discharges: None Anticipated

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 straw bale barrier 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 perimeter sediment ditch and sediment traps are not practically implementable at this location due to existing pipelines immediately adjacent to the well pad. A brush barrier exists along the southeastern portion of the location to reduce run -on potential and velocity. 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 Stabilisation 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 Trail Ridge Field Wide SWMP per requirements of CDPS Permit COR- 03A116, regulated by the Colorado Department of Health and Environment's (CDPHE) General Permit No. COR- 03000.

Comment:

CA:

Date:

Stormwater:

Inspector Name: LONGWORTH, MIKE

Erosion BMPs	Present	Other BMPs	Present
Corrective Action: _____ Date: _____			
Comments: Erosion BMPs: _____			
Other BMPs: _____			
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: 294866 Type: WELL API Number: 045-15614 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 294867 Type: WELL API Number: 045-15615 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 294868 Type: WELL API Number: 045-15616 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 294869 Type: WELL API Number: 045-15617 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 294870 Type: WELL API Number: 045-15618 Status: PR Insp. Status: PR

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:

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? Fail CM Oil on pit

CA Remove oil from pit CA Date 08/29/2013

Unused or unneeded equipment onsite? Pass CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? Fail CM Open rathole at CTR 44-15

CA Close rathole CA Date 09/14/2013

Guy line anchors removed? _____ CM _____

CA _____ CA Date _____

Guy line anchors marked? Pass CM _____

CA _____ CA Date _____

1003b. Area no longer in use? Fail 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? Fail

Inspector Name: LONGWORTH, MIKE

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 **Fail**

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 **Multi-Well Location** ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Compaction	Pass			
Ditches	Pass	Retention Ponds	Pass			
Compaction	Pass	Check Dams	Pass			
Seeding		Culverts	Pass			
Berms	Pass	Berms	Pass	MHSP	Pass	

S/U/V: Satisfactory _____ Corrective Date: _____

Comment:

CA:

Pits:

Inspector Name: LONGWORTH, MIKE

Pit Type: Skimming/Settling Lined: YES Pit ID: _____ Lat: 39.602940 Long: 108.258770

Lining:

Liner Type: Plastic Liner Condition: Adequate

Comment: _____

Fencing:

Fencing Type: Netting/Fen Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: Fence/Net Netting Condition: Good

Comment: _____

Anchor Trench Present: YES Oil Accumulation: YES 2+ feet Freeboard: _____

Pit (S/U/V): Unsatisfactory Comment: Oil accumulation on pit. Contacted Brad Moss

Corrective Action: Remove oil from pit.

Date: 08/29/2013

Permit:	Facility ID	Permit Num	Expiration Date
	415286	2094981	
	415286	2094981	

Monitoring:	Monitoring Type	Comment
	None	

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/webblink/>) and search by document number:

Document Num	Description	URL
663902004	open rat hole	http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3179418