

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
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Inspection Date:
11/20/2013

Document Number:
668100274

Overall Inspection:

Violation

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>311599</u>	<u>311599</u>	<u>KELLERBY, SHAUN</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: _____

Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC

Address: 1001 17TH STREET - SUITE #1200

City: 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	970/285-9377 ext. 2760/(719) 342-1150	Michael.Gardner@WPXEnerg y.com	Principal Environmental Specialist
Moss, Brad	(970) 285-9377/ (719) 429-3529	Brad.Moss@WPXEnerg.com	Production foreman

Compliance Summary:

QtrQtr: SENE Sec: 33 Twp: 6S Range: 94W

Inspector Comment:

Pending futher enforcement.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
137	WELL	PR	09/30/2008	GW	045-15444	WILLIAMS RWF 41-33	PR	<input checked="" type="checkbox"/>
138	WELL	PR	09/30/2008	GW	045-15445	WILLIAMS RWF 42-33	PR	<input checked="" type="checkbox"/>
139	WELL	PR	09/30/2008	GW	045-15446	WILLIAMS RWF 441-33	PR	<input checked="" type="checkbox"/>
210963	WELL	PR	12/22/1993	GW	045-06721	WINCH GV 9-33	PR	<input checked="" type="checkbox"/>
211124	WELL	PR	12/22/1995		045-06883	COOK RW 7-33	PR	<input checked="" type="checkbox"/>
261717	WELL	PR	03/07/2002	GW	045-07973	FORCE RWF 341-33	PR	<input checked="" type="checkbox"/>
261725	WELL	PR	05/18/2002	GW	045-07974	FORCE RWF 342-33	PR	<input checked="" type="checkbox"/>
298905	WELL	DG	07/06/2013	LO	045-17468	Williams RWF 312-34	PR	<input checked="" type="checkbox"/>
298907	WELL	WO	09/11/2013	LO	045-17470	Williams RWF 311-34	PR	<input checked="" type="checkbox"/>
298908	WELL	WO	09/11/2013	LO	045-17471	Williams RWF 12-34	PR	<input checked="" type="checkbox"/>
298909	WELL	WO	09/11/2013	LO	045-17472	Williams RMV 78-34	PR	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>10</u>	Production Pits: _____
Condensate Tanks: <u>2</u>	Water Tanks: <u>2</u>	Separators: <u>10</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>3</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

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Main	Violation	Lease is being used heavily by construction equipment at the time of inspection. No Dust control measures were in place at the time of inspection. Photo 13	Control dust as required by Cogcc rule.	11/21/2013

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	Sign is lying on the ground near the well head.	Install sign to comply with rule 210.	11/29/2013

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
DEBRIS	Violation	See Comment # 4 Photo 15	Remove stored material from location, or install berms to contain material and storm water.	11/29/2013
OTHER	Unsatisfactory	Large hole around flow lines at the well heads. Photo 17	Fill and contour all holes around well heads.	12/31/2013
OTHER	Unsatisfactory	5gal bucked filled with fluid and no Labels near the well head. Photo 18	Label all containers, cover all chemicals, or remove all chemicals on location	11/29/2013

Spills:

Type	Area	Volume	Corrective action	CA Date
			Multiple areas of staining on location, at the well heads, production equipment, and at the land farm, cuttings storage area. Remove all stained soil, and implement BMP to prevent staining on location. Photo 16	12/13/2013

Multiple Spills and Releases?

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Violation	Fencing that is in place around land farming/cuttings storage area does not completely surround the stored material.	Remove all stored material form location, or install adequate fencing to protect wildlife from entering the stored material located in the cuttings trench.	12/13/2013
WELLHEAD	Unsatisfactory	Fencing that is not in use, and could be removed from location is in place at the GV 9-33. Fencing around the well head is in disrepair.	Remove, or fix fencing around well head as needed. Remove any fencing that is not needed from the location.	11/20/2013

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Horizontal Heated Separator		Satisfactory			
Emission Control Device		Satisfactory			
Bird Protectors		Unsatisfactory	200bbl methanol tank with a 2in pipe used to vent the tank from the top of tank does not have any type of bird protection.	Place protective equipment on 200bbl tank to protect wildlife.	12/05/2013
Plunger Lift		Satisfactory			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
METHANOL	1	200 BBLS	STEEL AST	
S/U/V:	Unsatisfactory	Comment:	Methanol tank is located 29ft from a fired Vessel, (separator unit).Photo 8	
Corrective Action:	Move 200bbl Methanol tank to a distance that complies with Cogcc rules.			Corrective Date: 12/31/2013

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
Comment	

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	300 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
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 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
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 311599

Site Preparation:

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

S/UV: _____
 Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or pit located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>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.</p>	10/09/2011

S/UV: Violation **Comment:** Berm around cuttings storage area, and land farm is not adequate to contain 110% of fluids. Stored material is from drilling and completion operations on lease.

CA: Remove all material stored on location, or implement BMP as required by listed COA. **Date:** 12/20/2013

Wildlife BMPs:

BMP Type	Comment
Final Reclamation	<p>PRODUCTION/RECLAMATION</p> <ul style="list-style-type: none"> Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife Williams will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas. Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings. Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river where possible.
Drilling/Completion Operations	<p>DRILLING/COMPLETIONS BMP's</p> <ul style="list-style-type: none"> Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures).

Planning	<p>PLANNING BMP's</p> <ul style="list-style-type: none"> • Share/consolidate corridors for pipeline ROWs to the maximum extent possible. • Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas. • Minimize newly planned activities and operations within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river. • Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW. • Minimize the number, length, and footprint of oil and gas development roads • Use existing roads where possible • Combine and share roads to minimize habitat fragmentation • Maximize the use of directional drilling to minimize habitat loss/fragmentation • Maximize use of remote telemetry for well monitoring to minimize traffic • Restrict oil and gas activities as practical during critical seasonal periods
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S/U/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: 137 Type: WELL API Number: 045-15444 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 138 Type: WELL API Number: 045-15445 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 139 Type: WELL API Number: 045-15446 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 210963 Type: WELL API Number: 045-06721 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 211124 Type: WELL API Number: 045-06883 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 261717 Type: WELL API Number: 045-07973 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 261725 Type: WELL API Number: 045-07974 Status: PR Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 298905 Type: WELL API Number: 045-17468 Status: DG Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 298907 Type: WELL API Number: 045-17470 Status: WO Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 298908 Type: WELL API Number: 045-17471 Status: WO Insp. Status: PR

Producing Well

Comment: Producing

Facility ID: 298909 Type: WELL API Number: 045-17472 Status: WO Insp. Status: PR

Producing Well

Comment: Producing

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: _____

Waste Management:

Type	Management	Condition	Comment	GPS (Lat)	(Long)
Drill Cuttings	Piles	Inadequate	See Comment # 3 Photo 2, Photo 3		

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

S/U/V: **Violation** Corrective Date: **12/13/2013**

Comment: **See Comment #2 Photo 2, Photo 3**

CA: **Install, Maintain, and repair Storm Water BMP needed to prevent movement of storm water and material from location.**

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
<p>Form 4 Document # 400463486 approved on 8/28/13</p> <p>The purpose of this COGCC Form 4 is to permit transportation of drill cuttings and cut slope material from the RWF 23-32 well pad (COGCC facility #334748) to the RWF 342-33 well pad (COGCC facility # 311599) and the Quarter Circle 43-33H well pad (COGCC facility # 334690). The subject drill cuttings were generated in 2008 during drilling activities at the RWF 23-32 well pad. The cuttings were managed and disposed of in a permitted reserve pit which was sampled and closed in 2008 in accordance with the COGCC Rules applicable at that time.</p> <p>26,000 cubic yards of material will be removed from the cut slope and 9,000 cubic yards of pit material will be excavated from the pit area and transported to the RWF 342-33 and Quarter Circle 43-33H well pads where the material will be managed on the pad surface and the land adjacent to the well pads; the pads' surface and adjacent land is owned by WPX Energy (see attached map for pad locations).</p> <p>The pit material will be managed separately from the cut slope material. Once the pit material is transported to the new locations, one composite baseline sample will be collected from every 1,500 cubic yards of the pit material and analyzed for the constituents listed in the COGCC Table 910-1. If the material tests above the cleanup standards for organic compounds, it will be treated on location with a bioremediation product or it will be diluted with the cut slope material. After every treatment, confirmation samples will be collected and analyzed for constituents that exceeded the COGCC requirements.</p> <p>If the pit material tests above the cleanup standards for the inorganic compounds, the material will be covered with a minimum of 3' cap during the reclamation activities, to ensure successful re-vegetation of both sites. A Form 4, notice of completion report, will be submitted to COGCC upon completion of the activities described above.</p>	kellerbs	11/20/2013
<p>Comment # 2</p> <p>A catch basin is installed inside of the secondary containment, with corrugated plastic tubing installed through the secondary containment and draining outside of the secondary containment. There is evidence of erosion outside the pad containment area caused by the location drain. A catch basin is installed inside of the secondary containment, with corrugated plastic tubing installed through the secondary containment and draining outside of the secondary containment. There is evidence of erosion outside the pad containment area caused by the location drain. Berm around land farm is has been damaged by vehicle traffic and material has been transported by beyond the berm. Pit material is being deposited by on location, and location is adjacent to a tributary to the Colorado river, No storm water BMP were observed to contain the pit material at the time of inspection.</p>	kellerbs	11/20/2013
<p>Comment # 3</p> <p>Approved form 4 Doc # 400463486 advises that 9000 cubic yards of Pit material originating form location # 334748 will be transported to Location # 311599 and will be managed on the pad surface and the land adjacent to the well pads. No Containment, or Storm Water BMP were observed during inspection.</p>	kellerbs	11/20/2013
<p>Comment # 4</p> <p>A berm is constructed around the land farm area on location. Vehicles have driven over the berm, removing stored material onto the surface of the pad, and wearing the berm down to a level that the berm is not effective at containing the stored material, or controlling Storm Water .</p>	kellerbs	11/20/2013

Attached Documents

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

Document Num	Description	URL
668100274	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232966
668100276	Photo 18	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232911
668100277	Photo 13	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232912

668100278	Photo 15	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232913
668100279	Photo 16	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232914
668100280	Photo 8	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232915
668100281	Photo 2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232916
668100282	Photo 3	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232917
668100283	Photo 17	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3232918