

**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:
10/16/2014Document Number:
666800175Overall Inspection:
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
	428811	335050	Murray, Richard		

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
Kellerby, Shaun		shaun.kellerby@state.us.co	
Gardner, Michael		Michael.Gardner@wpxenergy.com	Environmental Manager
Moss, Brad		Brad.Moss@wpxenergy.com	Production Foreman

Compliance Summary:QtrQtr: SENW Sec: 36 Twp: 6S Range: 94W**Inspector Comment:**Hydraulic Fracturing inspection**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
301596	WELL	DG	06/24/2014	OW	045-18200	Hoepli RWF 443-36	DG	<input type="checkbox"/>
301597	WELL	PR	09/11/2013	OW	045-18201	Hoepli RWF 344-36	PR	<input type="checkbox"/>
301598	WELL	PR	10/10/2013	OW	045-18202	Hoepli RWF 334-36	PR	<input type="checkbox"/>
301599	WELL	PR	07/15/2013	OW	045-18203	Hoepli RWF 632-36	PR	<input type="checkbox"/>
428809	WELL	PR	04/15/2013	OW	045-21472	Hoepli RWF 513-36	PR	<input type="checkbox"/>
428810	WELL	PR	04/15/2013	OW	045-21473	Hoepli RWF 324-36	PR	<input type="checkbox"/>
428811	WELL	PR	04/30/2013	GW	045-21474	Hoepli RWF 413-36	WK	<input checked="" type="checkbox"/>
428812	WELL	PR	02/28/2013	GW	045-21475	Hoepli RWF 314-36	PR	<input type="checkbox"/>
428813	WELL	PR	04/15/2013	OW	045-21476	Hoepli RWF 24-36	PR	<input type="checkbox"/>
428814	WELL	PR	03/15/2013	OW	045-21477	Hoepli RWF 424-36	PR	<input type="checkbox"/>
428815	WELL	PR	04/30/2013	GW	045-21478	Hoepli RWF 323-36	PR	<input type="checkbox"/>
428816	WELL	PR	04/18/2013	GW	045-21479	Hoepli RWF 322-36	PR	<input type="checkbox"/>
428817	WELL	PR	04/15/2013	OW	045-21480	Hoepli RWF 13-36	PR	<input type="checkbox"/>
428818	WELL	PR	04/18/2013	GW	045-21481	Hoepli RWF 423-36	PR	<input type="checkbox"/>
428819	WELL	PR	03/15/2013	OW	045-21482	Hoepli RWF 14-36	PR	<input type="checkbox"/>
428820	WELL	PR	03/15/2013	OW	045-21483	Hoepli RMV 145-36	PR	<input type="checkbox"/>
428821	WELL	PR	04/15/2013	OW	045-21484	Hoepli RWF 523-36	PR	<input type="checkbox"/>

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428822	WELL	PR	04/30/2013	GW	045-21485	Hoepli RWF 23-36	PR	
428823	WELL	PR	03/15/2013	OW	045-21486	Hoepli RWF 414-36	PR	
429404	WELL	DG	06/24/2014	OW	045-21547	Hoepli RWF 333-36	DG	
429405	WELL	PR	10/10/2013	OW	045-21548	Hoepli RWF 44-36	PR	
429406	WELL	PR	10/10/2013	OW	045-21549	Hoepli RWF 34-36	PR	
429407	WELL	DG	06/24/2014	OW	045-21550	Hoepli RWF 532-36	DG	
429408	WELL	PR	09/11/2013	OW	045-21551	Hoepli RWF 433-36	PR	
429409	WELL	PR	10/10/2013	OW	045-21552	Hoepli RWF 33-36	PR	
429410	WELL	PR	09/11/2013	OW	045-21553	Hoepli RWF 544-36	PR	
429411	WELL	PR	07/15/2013	OW	045-21554	Hoepli RWF 43-36	PR	
429412	WELL	PR	10/10/2013	OW	045-21555	Hoepli RWF 444-36	PR	
429413	WELL	PR	10/10/2013	OW	045-21556	Hoepli RWF 434-36	PR	

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>29</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>4</u>	Separators: <u>29</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

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?

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 428811

Site Preparation:

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

S/A/V: _____

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>Reserve pit, or any other pit used to contain/hold fluids, if constructed, must be lined or a closed loop system (as indicated on the Form 2A Permit) must be implemented during drilling.</p> <p>Operator must ensure 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>	04/22/2012

S/A/V: SATISFACTORY**Comment:**

BMP's in place, Berms around Frac tanks

CA:**Date:****Wildlife BMPs:**

BMP Type	Comment
Drilling/Completion Operations	<p>DRILLING/COMPLETIONS BMP's</p> <ul style="list-style-type: none"> • Use centralized hydraulic fracturing operations. • 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). • Conduct well completions with drilling operations to limit the number of rig moves and traffic.

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 • Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands. • Design roads with visual and auditory buffers or screens (e.g., topographic barriers, vegetation, and distance). • Maximize the use of directional drilling to minimize habitat loss/fragmentation • Maximize use of remote completion/frac operations to minimize traffic • Maximize use of remote telemetry for well monitoring to minimize traffic • Restrict oil and gas activities as practical during critical seasonal periods
Interim 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. • Install and use locked gates or other means to prevent unauthorized vehicular travel on roads and facility rights-of-way.
Site Specific	<p>Although this location is located within 500 ft. of perennial, ephemeral, or intermittent surface water according to USGS mapped surface waters, the attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500 ft. of mapped surface water incorporate BMPs to protect that surface water, Williams will employ the following BMPs at this location:</p> <ul style="list-style-type: none"> • Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. • Williams will implement best management practices to contain any unintentional release of fluids. • Either a lined drilling pit or closed loop system will be implemented.

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Construction	CONSTRUCTION BMP's <ul style="list-style-type: none">• Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts• Design road crossings of streams to allow fish passage at all flows and to minimize the generation of sediment.• Construct retention basins and ponds that benefit wildlife
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S/A/V: SATISFACTORY **Comment:** BMP's in place

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: 428811 Type: WELL API Number: 045-21474 Status: PR Insp. Status: WK

Well Stimulation

Stimulation Company: Halliburton Stimulation Type: ACID

Other:

Observation:

Maximum Casing Recorded: 7600 PSI

Tubing:

Surface:

Intermediate:

Production:

Instantaneous Shut-In Pressure (ISIP)

Bradenhead Psi: 5

Frac Flow Back: Fluid: Gas:

Environmental

Spills/Releases:

Type of Spill: Description: Estimated Spill Volume:

Comment:

Corrective Action: Date:

Reportable: GPS: Lat Long

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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? _____

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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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

S/A/V:

Corrective Date:

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Halliburton was monitoring Breadenhead pressures	murrayr	10/16/2014