

**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:

01/08/2014

Document Number:

663902629

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	334754	334754	LONGWORTH, MIKE	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:

Name 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: SWNE Sec: 4 Twp: 7S Range: 96W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
211556	WELL	PR	11/15/1998	OW	045-07316	FEDERAL GM #32-4	PR	<input checked="" type="checkbox"/>
283514	WELL	PR	02/28/2006	GW	045-11939	FEDERAL GM 533-4	PR	<input checked="" type="checkbox"/>
283515	WELL	PR	02/28/2006	GW	045-11938	FEDERAL GM 332-4	PR	<input checked="" type="checkbox"/>
283516	WELL	PR	02/28/2006	GW	045-11937	FEDERAL GM 432-4	PR	<input checked="" type="checkbox"/>
432949	WELL	DG	07/10/2013		045-22051	Federal GM 702-4-HN1	WO	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>5</u>	Production Pits: _____
Condensate Tanks: <u>2</u>	Water Tanks: <u>2</u>	Separators: <u>5</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>1</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
Access	Satisfactory	Road pass thru location		

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	No signs	Install sign to comply with rule 210.	01/31/2014
BATTERY	Unsatisfactory	No signs	Install sign to comply with rule 210.	01/31/2014
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
DEBRIS	Unsatisfactory	Old palletts, 5 gal bucket,	Pick up debri	01/31/2014

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Emission Control Device	1	Satisfactory			
Ancillary equipment	4	Unsatisfactory	2-500 bbl frac tanks. 1-500 bbl flow back tank, 1 upright tank volume not found. Tanks have berm around them. All lids and hatches are open.	Remove unused equipment. Build a berm around tanks.	01/31/2014
Plunger Lift	4	Satisfactory			
Horizontal Heated Separator	6	Satisfactory			
Bird Protectors	4	Satisfactory			
Ancillary equipment	1	Unsatisfactory	Unused 80 bbl tank setting in corner west of separators	Remove unused and unneeded equipment	01/31/2014

Inspector Name: LONGWORTH, MIKE

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	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

Corrective Action				Corrective Date	
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Comment					
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Facilities:	<input type="checkbox"/> New Tank	Tank ID: _____
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Contents	#	Capacity	Type	SE GPS
CONDENSATE	3	300 BBLS	STEEL AST	39.469020,-108.113060

S/U/V:	Satisfactory		Comment:	
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Corrective Action:				Corrective Date:	
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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					
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Venting:		
Yes/No	Comment	

Flaring:			
Type	Satisfactory/Unsatisfactory		
	Comment	Corrective Action	CA Date

Predrill

Location ID: 334754

Site Preparation:

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

S/U/V: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>PIPELINE COAs:</p> <p>Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located.</p> <p>Operator must routinely inspect the entire length of the surface pipeline to ensure integrity.</p> <p>Operator must ensure 110 percent secondary containment for any potential volume of fluids that may be released from the surface pipeline at all stream, intermittent stream, ditch, and drainage crossings.</p> <p>Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.</p>	05/02/2013
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</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>The location is in an area of moderate to high run-on/run-off potential; therefore standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater run-off.</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, if drill cuttings are to remain/disposed of onsite, they must also meet the applicable standards of table 910-1.</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, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) 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</p>	05/02/2013

spilled or released material.

Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.

Prior to drilling, operator shall collect surface water samples from Ripley Gulch to the south-southeast (one upgradient and one downgradient from the well pad location), if water is present. After 90 days, but less than 180 days of completion of the proposed wells a "post-completion" test shall be performed for the same analytical parameters listed below and repeated once between 60- and 72-months. If the wells are non-producing wells, then the 60- to 72-month sample will not be required. If no significant changes from the baseline have been identified after the 60- to 72-month sample, no further testing shall be required. Additional "post-completion" test(s) may be required if changes in water quality are identified during follow-up testing. At a minimum, the surface water samples will be analyzed for the following parameters: pH, specific conductance, total dissolved solids (TDS), dissolved gases (methane, ethane, propane), alkalinity (total bicarbonate and carbonate as CaCO₃), major anions (bromide, chloride, fluoride, sulfate, nitrate and nitrite as N, phosphorus), major cations (calcium, iron, magnesium, manganese, potassium, sodium), other elements (barium, boron, selenium and strontium), total petroleum hydrocarbons (TPH) and BTEX compounds (benzene, toluene, ethylbenzene and xylenes). Field observations such as odor, water color, sediment, bubbles, and effervescence shall also be documented. The location of the sampled Water Sources shall be surveyed in accordance with Rule 215. Copies of all test results described above shall be provided to the COGCC Director and the landowner where the water quality testing is located within three (3) months of collecting the samples used for the test. The analytical data and surveyed locations shall also be submitted to the Director in an electronic data deliverable format.

Prior to pad construction or start of drill, if there is not sufficient water present in Ripley Gulch, operator shall provide documentation (dated photographs) to the COGCC via a Form 4 Sundry Notice, attention: Dave Kubecko (email: dave.kubecko@state.co.us) requesting relief from this COA.

S/U/V: Unsatisfactory

Comment: flowback tanks with no containment

CA: Install berm or remove tanks.

Date: 01/31/2014

Wildlife BMPs:

BMP Type	Comment
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. * Locate roads outside of drainages where possible and outside of riparian habitat. * 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 utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors * Combine and share roads to minimize habitat fragmentation * Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development * 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 telemetry for well monitoring to minimize traffic * Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production. * Minimize the duration of development and avoid repeated or chronic disturbance of developed areas. Complete all anticipated drilling within a phased, concentrated, development area during a single, uninterrupted time period.
Interim Reclamation	<p>PRODUCTION/RECLAMATION BMP's</p> <ul style="list-style-type: none"> * Utilize staked soil retention blankets for erosion control and reclamation of large surface areas with 1.5:1 or steeper slopes. Avoid use of plastic blanket materials. * Restore both form and function of impacted wetlands and riparian areas and mitigate erosion. * 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 * WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeded 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.

Construction	CONSTRUCTION BMP's * 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. * Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.
Drilling/Completion Operations	DRILLING/COMPLETIONS BMP's * 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.

S/U/V: Satisfactory **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: 211556 Type: WELL API Number: 045-07316 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 283514 Type: WELL API Number: 045-11939 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 283515	Type: WELL	API Number: 045-11938	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 283516	Type: WELL	API Number: 045-11937	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 432949	Type: WELL	API Number: 045-22051	Status: DG	Insp. Status: WO
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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? **Fail** CM Old palletts, 5 gal bucket,

CA Pick up debri

CA Date 01/31/2014

Waste Material Onsite? _____ CM _____

CA _____

CA Date _____

Unused or unneeded equipment onsite? **Fail** CM Frac tanks, light plants

CA Remove unneeded equipment

CA Date 01/31/2014

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? Fail Production areas stabilized ? Fail

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: Begin interim reclamation

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 _____ 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		Compaction	Pass			
Compaction		Culverts				
Gravel		Ditches				

Inspector Name: LONGWORTH, MIKE

S/U/V: **Unsatisfactory** Corrective Date: **01/31/2014**

Comment: **Location needs BMP improvement and maintenance**

CA: **Maintain BMPs on location**

Pits: ☐ NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
663902630	Wells no signs	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3259295
663902631	Tanks no berm 1	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3259296
663902632	Tanks no berm 2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3259297
663902633	Tanks no berm 3	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3259298