Inspector Name: LONGWORTH, MIKE

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

Inspection Date: 03/02/2015

Document Number: 674701024

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	311597	311597	LONGWORTH, MIKE	☐	

Operator Information:

OGCC Operator Number: 96850

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
Inspection, WPX	970-263-2716	COGCCInspectionReports@wpxenergy.com	WPX Inspection Mail Box

Compliance Summary:

QtrQtr: NENW Sec: 12 Twp: 7S Range: 96W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/23/2015	674700892			SATISFACTORY			No
11/10/2014	674700579			SATISFACTORY			No
10/24/2014	674700458			SATISFACTORY			No
12/19/2013	663902527			SATISFACTORY			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
211502	WELL	PR	04/06/1998	GW	045-07262	EXXON GM 21-12	PR	☒
259747	WELL	PR	04/09/2001	GW	045-07778	GM 321-12	PR	☒
438288	WELL	DG	12/14/2014		045-22462	GM 411-12	PR	☒
438289	WELL	DG	12/07/2014		045-22463	GM 531-12	PR	☒
438290	WELL	DG	10/14/2014		045-22464	GM 43-12	PR	☒
438291	WELL	DG	11/13/2014		045-22465	GM 342-12	PR	☒
438292	WELL	DG	10/30/2014		045-22466	GM 343-12	PR	☒
438293	WELL	DG	11/30/2014		045-22467	GM 332-12	PR	☒
438294	WELL	DG	10/22/2014		045-22468	GM 443-12	PR	☒
438295	WELL	DG	11/06/2014		045-22469	GM 542-12	PR	☒
438296	WELL	DG	11/22/2014		045-22470	GM 32-12	PR	☒

Equipment: Location Inventory

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Special Purpose Pits:		Drilling Pits:		Wells:	11	Production Pits:	
Condensate Tanks:	3	Water Tanks:	3	Separators:	11	Electric Motors:	
Gas or Diesel Mortors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:		Gas Pipeline:		Oil Pipeline:		Water Pipeline:	
Gas Compressors:		VOC Combustor:	1	Oil Tanks:		Dehydrator Units:	
Multi-Well Pits:		Pigging Station:		Flare:		Fuel Tanks:	

Location

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

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date:

Comment: 970-285-9377

Corrective Action:

Spills:				
Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Emission Control Device	1	SATISFACTORY			
Plunger Lift	11	SATISFACTORY			
Bird Protectors	7	SATISFACTORY			
Horizontal Heated Separator	13	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	Chemical container at wells		

Facilities: ☐ New Tank Tank ID:

Contents	#	Capacity	Type	SE GPS
OTHER	1	300 BBLS	HEATED STEEL AST	,

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) Fresh hot water

Other (Capacity)

Other (Type)

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Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 BBLS	STEEL AST	,

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

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	3	300 BBLS	STEEL AST	39.455990,108.061290

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

Venting:	
Yes/No	Comment

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Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 311597

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkd	Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network.	05/20/2014
OGLA	kubeczkd	Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, pipeline testing, start of hydraulic stimulation operations, and start of flowback operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).	05/20/2014
OGLA	kubeczkd	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 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. Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources. Berms or other containment devices shall be constructed to be sufficiently impervious (corrugated steel with poly liner) to contain any spilled or released material around permanent crude oil, condensate, and produced water storage tanks.	05/20/2014
OGLA	kubeczkd	The moisture content of any cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. 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 storage vessel 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 constructed to be sufficiently impervious to contain any spilled or released material.	05/20/2014

S/A/V: SATISFACTORY **Comment:** Drilling and completions are complete

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	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. Flowlines are 2” 1502 steel lines. They are rated to 15,000psi and are pressure tested before each job to the maximum working pressure anticipated, approximately 7,500psi on this pad. The manifold is 3” line rated to 15,000psi which is also pressure tested to maximum working pressure. We will use a choke manifold in front of the primary 4 phase high stage separator. The 4 phase separator is rated for 4000psi and is capable of handling 90 MMcf/day and 13,956 bbls per day with a 1.25” discharge orifice. Gas from the 4 phase separator is sent to sales. Water from the 4 phase separator is sent to the bullet tank (Pneumatic Tank) to “flash” the water before being sent to sealed flowback water tanks and then moved to the frac tanks to be re-used for frac fluid. “Flashing” the water in the bullet tank allows for the pressure to be dropped to near atmospheric and releases any fugitive gas trapped in the water. Any fugitive gas from the bullet tank is sent to flare or the combustor to be burned off, and any fugitive gas that may remain in the sealed flowback tanks will be sent through carbon filters. A sand trap will be used for drillouts; its primary purpose is as a junk catcher to screen out plug parts. The sandtrap intake and outputs are limited by the 2” flowlines. Water from the sandtrap will be sent to the sealed flowback tank. The flare stack is rated for 98 MMcf/day, propane is used to fuel the pilot light which insures it is ignited at all times. The average Mesa Verde well is choked to flow at 1-1.2 MMcf/day. We normally complete 1 completion group (4 wells) at a time. Proven production can be demonstrated with the following pads; GM 44-1, GV 18-23, GV 8-14 and GM 313-12.
Construction	Close and reclaim roads not necessary for development, including removing all bridges and culverts and recontouring/reclaiming all stream crossings. 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.
Traffic control	A street sweeper will make routine passes to eliminate muddy roads. Most likely, CR 215 to the new Town of Parachute bypass road (to avoid going through town) will be used to get to the pad. The Town of Parachute has agreed to this route. Pilot cars will be used to get the larger rig traffic to location.

Planning	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. 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 telemetry for well monitoring to minimize traffic. Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain. 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	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 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.
Noise mitigation	A sound wall will be constructed around the perimeter of the pad and the frac pad.

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

CA: **Date:**

Stormwater:

Comment:

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Inspector Name: LONGWORTH, MIKE

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:	Type:	API Number:	Status:	Insp. Status:
211502	WELL	045-07262	PR	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
259747	WELL	045-07778	PR	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
438288	WELL	045-22462	DG	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
438289	WELL	045-22463	DG	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
438290	WELL	045-22464	DG	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
438291	WELL	045-22465	DG	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
438292	WELL	045-22466	DG	PR

Producing Well

Comment: Producing well

Facility ID:	Type:	API Number:	Status:	Insp. Status:
438293	WELL	045-22467	DG	PR

Producing Well

Comment: Producing well

Facility ID: 438294 Type: WELL API Number: 045-22468 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 438295 Type: WELL API Number: 045-22469 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 438296 Type: WELL API Number: 045-22470 Status: DG 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: Earth equipment working on location.

1003a. Debris removed? Pass CM

CA CA Date

Waste Material Onsite? Pass CM

CA CA Date

Unused or unneeded equipment onsite? Pass 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? In Production areas stabilized ? In

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 ☐

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Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Compaction	Pass					
Gravel	Pass					
Ditches	Pass					
		Gravel	Pass			
		Compaction	Pass			

S/A/V: SATISFACTORY

Corrective Date: _____

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT