

**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:

08/26/2014

Document Number:

674700267

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	
	335116	335116	LONGWORTH, MIKE	2A Doc Num:	

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
Hejl, Kent	(970) 263-2715	Kent.Hejl@WPXEnergy.com	completions super
Gardner, Michael	970/285-9377 ext. 2760	Michael.Gardner@WPXEnergy.com	Principal Environmental Specialist

Compliance Summary:QtrQtr: NENW Sec: 20 Twp: 6S Range: 95W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/16/2013	663902500			S			N
12/11/2013	663902499			S			N

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
210816	WELL	PR	12/22/1988		045-06574	ALLEN POINT 1-2095	
278786	WELL	PR	10/29/2007	GW	045-10939	AP 24-17-695	
285296	WELL	PR	06/21/2006	GW	045-12420	AP 21-20-695	
285297	WELL	PR	06/21/2006	GW	045-12421	AP 22-20-695	
427825	WELL	DG	07/13/2014	LO	045-21376	AP 421-20-695	X
427826	WELL	XX	11/07/2013	LO	045-21377	AP 521-20-695	X
427828	WELL	AL	10/02/2013	LO	045-21378	AP 433-17-695	
427829	WELL	XX	11/07/2013	LO	045-21379	AP 523-17-695	X
427830	WELL	AL	10/02/2013	LO	045-21380	AP 334-17-695	
427832	WELL	DG	08/14/2014	LO	045-21381	AP 424-17-695	X
427834	WELL	DG	07/24/2014	LO	045-21382	AP 321-20-695	X
427835	WELL	AL	10/02/2013	LO	045-21383	AP 434-17-695	
427836	WELL	XX	11/07/2013	LO	045-21384	AP 323-17-695	X
427837	WELL	DG	08/03/2014	LO	045-21385	AP 524-17-695	X
427838	WELL	XX	11/07/2013	LO	045-21386	AP 322-20-695	X
427840	WELL	AL	10/02/2013	LO	045-21387	AP 533-17-695	

Inspector Name: LONGWORTH, MIKE

427842	WELL	AL	10/02/2013	LO	045-21388	AP 412-20-695	<input type="checkbox"/>
427843	WELL	AL	10/02/2013	LO	045-21389	AP 333-17-695	<input type="checkbox"/>
427844	WELL	DG	06/06/2014	LO	045-21390	AP 422-20-695	<input checked="" type="checkbox"/>
427845	WELL	XX	11/07/2013	LO	045-21391	AP 324-17-695	<input checked="" type="checkbox"/>
427846	WELL	XX	11/07/2013	LO	045-21392	AP 423-17-695	<input checked="" type="checkbox"/>
427847	WELL	AL	10/02/2013	LO	045-21393	AP 34-17-695	<input type="checkbox"/>
427848	WELL	DG	07/18/2014	LO	045-21394	AP 522-20-695	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>16</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>2</u>	Separators: <u>16</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	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

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
DRILLING/RECOMP	Satisfactory			

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

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
------	------	--------	-------------------	---------

☐ Multiple Spills and Releases?

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335116

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</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, and maintained in good condition.</p> <p>Due to the steep slopes to the west and east, this location is in an area of moderate to high run off/run on potential; therefore appropriate BMPs need to be in place both during and after well pad construction, as well as during all drilling and well completion operations. 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 runoff.</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>	02/16/2012

Comment: Flow tanks are on frac location down the hill

CA:

Date:

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 constructing any road segment in the channel of an intermittent or perennial stream • 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). • Accelerate development under a "clustered-development concept" on a site-specific basis where Williams has a 100% mineral interest or control of mineral development • Maximize the use of directional drilling to minimize habitat loss/fragmentation • Maximize use of long-term centralized tank batteries to minimize traffic • Maximize use of remote completion/frac operations to minimize traffic • 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. • Restrict oil and gas activities as practical during critical seasonal periods
Construction	<p>CONSTRUCTION BMP's</p> <ul style="list-style-type: none"> • Close and reclaim roads not necessary for development, including removing all bridges and culverts and Re-contouring/reclaiming all stream crossings. • 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	<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.

Wildlife	PRODUCTION/RECLAMATION <ul style="list-style-type: none"> • 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 • Williams 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. • Bore pipelines that cross perennial streams
Site Specific	SENSITIVE AREA BMP's Because this location is in a Sensitive Area (See attached SAD), Williams will employ the following BMPs to support protection of surface and ground water: <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.

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**

Inspector Name: LONGWORTH, MIKE

Facility ID: 427825	Type: WELL	API Number: 045-21376	Status: DG	Insp. Status: DG
Facility ID: 427826	Type: WELL	API Number: 045-21377	Status: XX	Insp. Status: ND
Facility ID: 427829	Type: WELL	API Number: 045-21379	Status: XX	Insp. Status: ND
Facility ID: 427832	Type: WELL	API Number: 045-21381	Status: DG	Insp. Status: DG
Facility ID: 427834	Type: WELL	API Number: 045-21382	Status: DG	Insp. Status: DG
Facility ID: 427836	Type: WELL	API Number: 045-21384	Status: XX	Insp. Status: ND
Facility ID: 427837	Type: WELL	API Number: 045-21385	Status: DG	Insp. Status: WK

Well Stimulation

Stimulation Company: Halliburton

Stimulation Type: HYDRAULIC FRAC

Other:

Observation:

Maximum Casing Recorded: 7728 PSI

Tubing:

Surface:

Intermediate:

Production:

Instantaneous Shut-In Pressure (ISIP) 3603

Bradenhead Psi: 1

Frac Flow Back:

Fluid:

Gas:

Facility ID: 427838	Type: WELL	API Number: 045-21386	Status: XX	Insp. Status: ND
Facility ID: 427844	Type: WELL	API Number: 045-21390	Status: DG	Insp. Status: DG
Facility ID: 427845	Type: WELL	API Number: 045-21391	Status: XX	Insp. Status: DG

Well Drilling

Rig: Rig Name: Nabor 573

Pusher/Rig Manager: Beaude Oaks

Permit Posted: Satisfactory

Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram:

Blind Ram:

Hydril Type:

Pressure Test BOP:

Test Pressure PSI:

Safety Plan:

YES

Drill Fluids

Management:

Lined Pit:

Unlined Pit:

Closed Loop: YES

Semi-Closed Loop:

Multi-Well: YES

Disposal Location:

Comment:

Facility ID: 427846	Type: WELL	API Number: 045-21392	Status: XX	Insp. Status: ND
Facility ID: 427848	Type: WELL	API Number: 045-21394	Status: DG	Insp. Status: DG

Environmental

Spills/Releases:

Inspector Name: LONGWORTH, MIKE

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: OTHER, 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	
<u>Cropland</u>	

Inspector Name: LONGWORTH, MIKE

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

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	Ditches	Pass			
Compaction	Pass	Culverts	Pass			
		Gravel	Pass			
Berms	Pass	Compaction	Pass			

S/U/V: Satisfactory Corrective Date: _____

Comment: _____

CA: _____