

**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:  
02/05/2013

Document Number:  
663800758

Overall Inspection:  
Satisfactory

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>LONGWORTH, MIKE</u>
	<u>429942</u>	<u>429938</u>		

**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

**Contact Information:**

Contact Name	Phone	Email	Comment
Gardner, Michael	970/285-9377 ext. 2760	Michael.Gardner@williams.com	Principal Environmental Specialist
Brady, Scott	(970) 285-9377	Lowell.Brady@Williams.com	Drilling super

**Compliance Summary:**

QtrQtr: SESE Sec: 23 Twp: 7S Range: 96W

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
429930	WELL	XX	08/17/2012	LO	045-21683	Lantz SG 34-23	
429931	WELL	DG	01/15/2013	LO	045-21684	Lantz SG 444-23	
429932	WELL	DG	01/09/2013	LO	045-21685	Lantz SG 544-23	
429933	WELL	DG	01/26/2013	LO	045-21686	Lantz SG 44-23	
429934	WELL	XX	08/17/2012	LO	045-21687	Lantz SG 334-23	
429935	WELL	DG	02/05/2013	LO	045-21688	Lantz SG 533-23	
429936	WELL	XX	08/17/2012	LO	045-21689	Lantz SG 433-23	
429937	WELL	XX	08/17/2012	LO	045-21690	Lantz SG 434-23	
429939	WELL	XX	08/17/2012	LO	045-21691	Lantz SG 333-23	
429940	WELL	XX	08/17/2012	LO	045-21692	Lantz SG 543-23	
429941	WELL	XX	08/17/2012	LO	045-21693	Lantz SG 43-23	
429942	WELL	DG	01/31/2013	LO	045-21694	Lantz SG 443-23	X
429943	WELL	XX	08/17/2012	LO	045-21695	Lantz SG 343-23	
429944	WELL	DG	01/26/2013	LO	045-21696	Lantz SG 344-23	

**Equipment:**

Location Inventory

--



Group	User	Comment	Date
OGLA	kubeczkod	<p><b>SITE SPECIFIC COAs:</b></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>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or buried permanent pipelines. Additional containment shall be required where temporary pumps and other necessary equipment or chemicals are located.</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 storage vessel 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>	08/14/2012

**Comment:**

**CA:**

**Date:**

**Wildlife BMPs:**

BMP Type	Comment
Construction	<p><b>CONSTRUCTION BMP's</b></p> <p>Yes Close and reclaim roads not necessary for development, including removing all bridges and culverts and recontouring/reclaiming all stream crossings.</p> <p>Yes Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts</p> <p>Yes Design road crossings of streams to allow fish passage at all flows and to minimize the generation of sediment.</p> <p>Yes Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.</p>

<p>Interim Reclamation</p>	<p>PRODUCTION/RECLAMATION BMP's</p> <p>Yes Restore both form and function of impacted wetlands and riparian areas and mitigate erosion.</p> <p>Yes Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</p> <p>Yes Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</p> <p>Yes WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeded and reclamation of disturbed areas.</p> <p>Yes Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</p> <p>Yes Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</p> <p>Yes 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.</p> <p>Yes Bore pipelines that cross perennial streams</p> <p>Yes Install and use locked gates or other means to prevent unauthorized vehicular travel on roads and facility rights-of-way.</p>
<p>Planning</p>	<p>PLANNING BMP's</p> <p>Yes Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</p> <p>Yes 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.</p> <p>Yes 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.</p> <p>Yes Locate roads outside of drainages where possible and outside of riparian habitat.</p> <p>Yes Avoid constructing any road segment in the channel of an intermittent or perennial stream</p> <p>Yes Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW.</p> <p>Yes Minimize the number, length, and footprint of oil and gas development roads</p> <p>Yes Use existing roads where possible</p> <p>Yes Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</p> <p>Yes Combine and share roads to minimize habitat fragmentation</p> <p>Yes Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development</p> <p>Yes Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands.</p> <p>Yes Design roads with visual and auditory buffers or screens (e.g., topographic barriers, vegetation, and distance).</p> <p>Yes Maximize the use of directional drilling to minimize habitat loss/fragmentation</p> <p>Yes Maximize use of remote telemetry for well monitoring to minimize traffic</p> <p>Yes Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain.</p> <p>Yes Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.</p> <p>Yes 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.</p> <p>Yes Restrict oil and gas activities as practical during critical seasonal periods</p>

Drilling/Completion Operations	DRILLING/COMPLETIONS BMP's Yes 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). Yes Conduct well completions with drilling operations to limit the number of rig moves and traffic.
--------------------------------	---

**Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**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: 429942 Type: WELL API Number: 045-21694 Status: DG Insp. Status: DG

**Well Drilling**

**Rig:** Rig Name: Cyclone 17 Pusher/Rig Manager: Frank Moore  
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: \_\_\_\_\_ Semi-Closed Loop: \_\_\_\_\_  
Multi-Well: \_\_\_\_\_ Disposal Location: \_\_\_\_\_

**Comment:**

Cementing production pipe

**Cement**

**Cement Contractor**

Contractor Name: Halliburton Contractor Phone: \_\_\_\_\_

**Surface Casing**

Cement Volume (sx): \_\_\_\_\_ Circulate to Surface: \_\_\_\_\_  
Cement Fall Back: \_\_\_\_\_ Top Job, 1" Volume: \_\_\_\_\_

**Intermediate Casing**

Cement Volume (sxs): \_\_\_\_\_ Good Return During Job: \_\_\_\_\_

**Production Casing**

Cement Volume (sx): 1090 Good Return During Job: YES

**Plugging Operations**

Depth Plugs(feet range): \_\_\_\_\_ Cement Volume (sx): \_\_\_\_\_

Good Return During Job: \_\_\_\_\_ Cement Type: \_\_\_\_\_

Comment: PUMPED A 10 BBL WATER SPACER & PUMPED 20 BBLS MUD FLUSH 111, 10 BBL WATER SPACE, 15.3 BBLS, 50 SX, LEAD CEMENT 12.6 PPG, 1.72 YIELD,8.03 GAL/SK, 1040 SX TAIL CEMENT 12.6# 1.72 YLD,8.05 GAL/SK H2O DISPLACED W/ 83.9 BBLS KCL RECIPROCATED PIPE WHILE CEMENTING & BUMPED PLUG WITH 2050 PSI & HAD 1335 PSI PRIOR TO BUMPING PLUG & HELD 3 MIN RELEASED PSI PLUG HELD. HAD MODERATE RETURNS FIRST 115BBLS PUMPED & THEN FULL RETURNS THROUGH OUT REST OF JOB. 9 BBLS CMT BACK TO SURFACE

**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: \_\_\_\_\_

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 \_\_\_\_\_ 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: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment:

CA: