

<b>FORM INSP</b>  Rev 05/11	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 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:  
01/31/2013

Document Number:  
670200065

Overall Inspection:  
Satisfactory

Location Identifier	Facility ID <u>335557</u>	Loc ID <u>335557</u>	Tracking Type	Inspector Name: <u>BURGER, CRAIG</u>
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**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
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Hejl, Kent	(970) 263-2715	Kent.Hejl@WPXEnergy.com	completions super

**Compliance Summary:**

QtrQtr: NWNW Sec: 16 Twp: 6S Range: 91W

**Inspector Comment:**

Remote frac from Jolley Frac Pad/KP32-17 by Halliburton of 324-9, 24-9, 424-9, 444-8. Halliburton with MWS workover rig, Lone Wolf crane, and flowback by LEC Services. Green completions. Squeeze job reportedly done on 414-9.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
300989	WELL	PR	05/31/2010	GW	045-18064	JOLLEY KP 11-16	
300992	WELL	XX	10/27/2011	LO	045-18065	Jolley KP 311-16	
300997	WELL	AL	09/13/2011	LO	045-18066	JOLLEY 16-13D	
301000	WELL	XX	10/27/2011	LO	045-18067	Jolley KP 21-16	
301002	WELL	PR	12/14/2012	GW	045-18068	JOLLEY KP 321-16	
301005	WELL	WO	12/14/2012	LO	045-18069	Jolley KP 14-9	
301006	WELL	PR	01/15/2013	GW	045-18070	JOLLEY KP 314-9	
301007	WELL	WO	12/14/2012	LO	045-18071	Jolley KP 414-9	X
301008	WELL	WO	12/14/2012	LO	045-18072	Jolley KP 514-9	
426794	WELL	DG	09/30/2012		045-21199	Jolley KP 444-8	
426798	WELL	DG	10/18/2012		045-21200	Jolley KP 434-9	
426801	WELL	DG	09/13/2012		045-21201	Jolley KP 24-9	X
426808	WELL	DG	09/20/2012		045-21202	Jolley KP 324-9	
426809	WELL	XX	12/11/2011	LO	045-21203	Jolley KP 534-9	
426815	WELL	XX	12/11/2011	LO	045-21204	Jolley KP 441-17	
426817	WELL	XX	12/11/2011	LO	045-21205	Jolley KP 41-17	
426824	WELL	XX	12/11/2011	LO	045-21206	Jolley KP 524-9	
426831	WELL	XX	12/11/2011	LO	045-21207	Jolley KP 341-17	
426834	WELL	DG	10/09/2012		045-21208	Jolley KP 424-9	
426840	WELL	DG	09/05/2012		045-21209	Jolley KP 344-8	



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>Any pit constructed to hold liquids, must be lined or a closed loop system (which operator has indicated on the Form 2A) must be implemented during drilling.</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>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>	11/07/2011

**Comment:**

**CA:**

**Date:**

**Wildlife BMPs:**

BMP Type	Comment
Material Handling and Spill Prevention	<ul style="list-style-type: none"> <li>Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.</li> <li>Williams will implement best management practices to contain any unintentional release of fluids.</li> <li>Either a lined drilling pit or closed loop system will be implemented.</li> </ul>
Interim Reclamation	<p>PRODUCTION/RECLAMATION</p> <ul style="list-style-type: none"> <li>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.</li> <li>Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</li> <li>Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li> <li>Williams will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.</li> <li>Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</li> </ul>

Drilling/Completion Operations	DRILLING/COMPLETIONS BMP's <ul style="list-style-type: none"> <li>• Use centralized hydraulic fracturing operations.</li> <li>• 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).</li> <li>• Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li> </ul>
Planning	PLANNING BMP's <ul style="list-style-type: none"> <li>• Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</li> <li>• 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.</li> <li>• 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.</li> <li>• Locate roads outside of drainages where possible and outside of riparian habitat.</li> <li>• Avoid constructing any road segment in the channel of an intermittent or perennial stream</li> <li>• Minimize the number, length, and footprint of oil and gas development roads</li> <li>• Use existing roads where possible</li> <li>• Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</li> <li>• Combine and share roads to minimize habitat fragmentation</li> <li>• Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development</li> <li>• Maximize the use of directional drilling to minimize habitat loss/fragmentation</li> <li>• Maximize use of remote completion/frac operations to minimize traffic</li> <li>• Maximize use of remote telemetry for well monitoring to minimize traffic</li> <li>• Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain.</li> <li>• Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.</li> </ul>

**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: 301007 Type: WELL API Number: 045-18071 Status: WO Insp. Status: WK

**Workover**

Comment:

Facility ID: 426801 Type: WELL API Number: 045-21201 Status: DG Insp. Status: WO

**Well Stimulation**

Stimulation Company: Halliburton Stimulation Type: HYDRAULIC FRAC  
 Other: \_\_\_\_\_

**Observation:**

Maximum Casing Recorded: \_\_\_\_\_ PSI Tubing: \_\_\_\_\_  
 Surface: \_\_\_\_\_ Intermediate: \_\_\_\_\_  
 Production: \_\_\_\_\_ Instantaneous Shut-In Pressure (ISIP) \_\_\_\_\_  
 Bradenhead Psi: 0 Frac Flow Back: \_\_\_\_\_ Fluid: \_\_\_\_\_ Gas: \_\_\_\_\_

**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? 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? \_\_\_\_\_ 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 \_\_\_\_\_

Inspector Name: BURGER, CRAIG

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: \_\_\_\_\_