

**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:

02/19/2014

Document Number:

670201266

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	432396	432398	BURGER, CRAIG	<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
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Gardner, Michael		Michael.Gardner@wpxenergy.com	Environmental Manager
Brady, Scott	(970) 285-9377	Lowell.Brady@WPXEnergy.com	Drilling Super Intendent
Hejl, Kent	(970) 263-2715	Kent.Hejl@WPXEnergy.com	completions super

Compliance Summary:QtrQtr: NESW Sec: 25 Twp: 6S Range: 94W**Inspector Comment:**

Simops on location. Drilling surface casing hole, hydraulic stimulation and wireline rig shooting perforation. Hydraulic stimulation of 424-25 stage 4 with 177,670 gallons. 23 perforations from 7051 to 7226 feet.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
432396	WELL	DG	02/16/2014		045-21978	Savage RWF 314-25	DG	<input checked="" type="checkbox"/>
432397	WELL	DG	01/10/2014		045-21979	Savage RWF 24-25	DG	<input type="checkbox"/>
432399	WELL	DG	01/18/2014		045-21980	Savage RWF 14-25	DG	<input type="checkbox"/>
432400	WELL	XX	04/04/2013		045-21981	Savage RWF 413-25	XX	<input type="checkbox"/>
432401	WELL	DG	12/17/2013		045-21982	Savage RWF 424-25	WO	<input checked="" type="checkbox"/>
432402	WELL	XX	04/04/2013		045-21983	Savage RWF 13-25	XX	<input type="checkbox"/>
432403	WELL	DG	02/07/2014		045-21984	Savage RWF 414-25	DG	<input type="checkbox"/>
432404	WELL	XX	04/04/2013		045-21985	Savage RWF 23-25	XX	<input type="checkbox"/>
432405	WELL	XX	04/04/2013		045-21986	Savage RWF 423-25	XX	<input type="checkbox"/>
432406	WELL	XX	04/04/2013		045-21987	Savage RWF 313-25	XX	<input type="checkbox"/>
432407	WELL	DG	12/31/2013		045-21988	Savage RWF 324-25	DG	<input type="checkbox"/>
432408	WELL	DG	01/25/2014		045-21989	Savage RWF 514-25	DG	<input type="checkbox"/>
432409	WELL	XX	04/04/2013		045-21990	Savage RWF 323-25	XX	<input type="checkbox"/>

Equipment:Location Inventory

Inspector Name: BURGER, CRAIG

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>13</u>	Production Pits: _____
Condensate Tanks: <u>2</u>	Water Tanks: _____	Separators: <u>13</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	Frac tanks on location do not have placards or content labels.	Install signs to comply with rule 210.	03/19/2014
DRILLING/RECOMP	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Field Flare	Satisfactory			

Predrill

Location ID: 432396

Site Preparation:

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

S/U/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
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 (excluding freshwater) 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 run off potential; therefore the pad and access road shall be constructed to prevent any stormwater run-on and/or stormwater runoff. 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>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 spilled or released material.</p> <p>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.</p>	03/28/2013

S/U/V: Satisfactory**Comment:**

Notifications received. Secondary containment of fluids in place (location berm).
 Moisture content of drill cuttings adequately low.
 Frac tanks for flowback on location.

CA:**Date:****Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	<p>PRODUCTION/RECLAMATION BMP's</p> <ul style="list-style-type: none"> * 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.
Planning	<p>PLANNING BMP's</p> <ul style="list-style-type: none"> * 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. * Use existing roads where possible * Combine and share roads to minimize habitat fragmentation * Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development * Maximize use of long-term centralized tank batteries to minimize traffic * Maximize use of remote telemetry for well monitoring to minimize traffic
Site Specific	<p>Although this location is located within 500 ft. of perennial, ephemeral, or intermittent surface water according to USGS mapped surface waters, the attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500 ft. of mapped surface water incorporate BMPs to protect that surface water, Williams will employ the following BMPs at this location:</p> <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.
Drilling/Completion Operations	<p>DRILLING/COMPLETIONS BMP's</p> <ul style="list-style-type: none"> * Conduct well completions with drilling operations to limit the number of rig moves and traffic.

S/U/V: Satisfactory

Comment:

Drilling and completions occurring on location.

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:

Inspector Name: BURGER, CRAIG

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: 432396 Type: WELL API Number: 045-21978 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Nabors 577 Pusher/Rig Manager: _____
Permit Posted: Satisfactory Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram: YES Blind Ram: YES Hydril Type: YES
Pressure Test BOP: Pass Test Pressure PSI: _____ Safety Plan: YES

Drill Fluids Management:

Lined Pit: NO Unlined Pit: NO Closed Loop: YES Semi-Closed Loop: NO
Multi-Well: YES Disposal Location: Stored at southeast side of location.

Comment:

Drilling surface casing.

Facility ID: 432401 Type: WELL API Number: 045-21982 Status: DG Insp. Status: WO

Well Stimulation

Stimulation Company: Halliburton Stimulation Type: HYDRAULIC FRAC
Other: _____
Observation:
Maximum Casing Recorded: 6039 PSI Tubing: _____
Surface: _____ Intermediate: _____
Production: _____ Instantaneous Shut-In Pressure (ISIP) 2395
Bradenhead Psi: 1 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? _____ 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 REVEGETATIONCropland

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: _____

Inspector Name: BURGER, CRAIG

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
		Culverts	Pass	CM	Pass	
Berms	Pass	Compaction	Pass	MHSP	Pass	

S/U/V: Satisfactory _____

Corrective Date: _____

Comment: Snow cover limited inspection.

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT