

**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



Inspection Date:

08/08/2016

Document Number:

675203157

Overall Inspection:

SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>294424</u>	<u>323841</u>	<u>CONKLIN, CURTIS</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>96850</u>
Name of Operator:	<u>TEP ROCKY MOUNTAIN LLC</u>
Address:	<u>PO BOX 370</u>
City:	<u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>

- 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
Terra, Energy		COGCCInspectionReports@terraep.com	All Inspections

Compliance Summary:

QtrQtr: NESW Sec: 2 Twp: 7S Range: 95W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
210786	WELL	PR	09/15/1987	GW	045-06544	FORSHEE W-28-2	PR	<input checked="" type="checkbox"/>
210945	WELL	PR	08/02/2001	GW	045-06703	FORSHEE GV 86-2	PR	<input checked="" type="checkbox"/>
294424	WELL	PR	04/16/2011	GW	045-15415	CHARIS PA 314-2	PR	<input checked="" type="checkbox"/>
294425	WELL	PR	04/16/2011	GW	045-15414	CHARIS PA 413-2	PR	<input checked="" type="checkbox"/>
294426	WELL	PR	04/16/2011	GW	045-15413	CHARIS PA 324-2	PR	<input checked="" type="checkbox"/>
433892	WELL	PR	08/16/2014	GW	045-22133	WPX ENERGY PA 43-3	PR	<input checked="" type="checkbox"/>
433893	WELL	PR	05/31/2014	GW	045-22134	WPX ENERGY PA 23-2	PR	<input checked="" type="checkbox"/>
433894	WELL	PR	06/09/2014	GW	045-22135	WPX ENERGY PA 544-3	PR	<input checked="" type="checkbox"/>
433895	WELL	PR	05/31/2014	GW	045-22136	WPX ENERGY PA 522-2	PR	<input checked="" type="checkbox"/>
433896	WELL	PR	06/29/2014	GW	045-22137	WPX ENERGY PA 14-2	PR	<input checked="" type="checkbox"/>
433897	WELL	PR	03/01/2015	GW	045-22138	WPX ENERGY PA 513-2	PR	<input checked="" type="checkbox"/>
433898	WELL	PR	06/21/2014	GW	045-22139	WPX ENERGY PA 514-2	PR	<input checked="" type="checkbox"/>

433899	WELL	PR	09/02/2014	GW	045-22140	WPX ENERGY PA 344-3	PR	<input checked="" type="checkbox"/>
433900	WELL	PR	05/31/2014	GW	045-22141	WPX ENERGY PA 512-2	PR	<input checked="" type="checkbox"/>
433902	WELL	PR	06/10/2014	GW	045-22142	WPX ENERGY PA 313-2	PR	<input checked="" type="checkbox"/>
433904	WELL	PR	09/02/2014	GW	045-22143	WPX ENERGY PA 44-3	PR	<input checked="" type="checkbox"/>
433906	WELL	PR	06/29/2014	GW	045-22144	WPX ENERGY PA 414-2	PR	<input checked="" type="checkbox"/>
433907	WELL	PR	09/02/2014	GW	045-22145	WPX ENERGY PA 343-3	PR	<input checked="" type="checkbox"/>
433908	WELL	PR	06/21/2014	GW	045-22146	WPX ENERGY PA 424-2	PR	<input checked="" type="checkbox"/>
433909	WELL	PR	06/10/2014	GW	045-22147	WPX ENERGY PA 323-2	PR	<input checked="" type="checkbox"/>
433910	WELL	PR	06/29/2014	GW	045-22148	WPX ENERGY PA 24-2	PR	<input checked="" type="checkbox"/>
433911	WELL	PR	06/21/2014	GW	045-22149	WPX ENERGY PA 524-2	PR	<input checked="" type="checkbox"/>
433912	WELL	PR	08/16/2014	GW	045-22150	WPX ENERGY PA 443-3	PR	<input checked="" type="checkbox"/>
433913	WELL	PR	06/07/2014	GW	045-22151	WPX ENERGY PA 444-3	PR	<input checked="" type="checkbox"/>
433914	WELL	PR	05/31/2014	GW	045-22152	WPX ENERGY PA 13-2	PR	<input checked="" type="checkbox"/>
437481	SPILL OR RELEASE	CL	06/05/2014		-	SPILL/RELEASE POINT	CL	<input type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>25</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: <u>25</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	SATISFACTORY			

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY	Capacity has faded		

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Location ID: 294424
 Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____
 S/AR: _____
 Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkd	<p>GROUNDWATER MONITORING COA:</p> <p>Operator shall comply with Rule 609. STATEWIDE GROUNDWATER BASELINE SAMPLING AND MONITORING. The following water wells have been identified as acceptable locations:</p> <p>1) Permit No. 238034-Michaelis, John R; household use well; TD - ?' bgs; SWL - ?' bgs; FM – ?alluvium/bedrock; located approximately 536' to the north-northwest: (downgradient).</p> <p>2) Permit No. 64785-Baum, Paul B; domestic well; TD - ?' bgs; SWL - ?' bgs; FM – ?alluvium/bedrock; located approximately 847' to the west-northwest (crossgradient).</p> <p>3) Permit No. 149334- Gibson, Bonnie; household use well; TD - 200' bgs; SWL - 141' bgs; FM –bedrock; located approximately 1035' to the west-northwest (crossgradient).</p> <p>4) Permit No. 120988- Baum, Paul B household use well; TD - 220' bgs; SWL - 90' bgs; FM – bedrock; located approximately 674' to the west-northwest (upgradient).</p> <p>5) Permit No. 273609- Schuette, Mark; household use well; TD - 265' bgs; SWL - 120' bgs; FM – bedrock; located approximately 2622' to the south (upgradient).</p> <p>Documented refusal to grant access by well owner or surface owner (for water well or spring sampling), the well no longer exists, or if no water wells or springs are located/identified within one-half mile, shall not constitute a violation of this COA.</p>	08/09/2013

<p>OGLA</p>	<p>kubeczkd</p>	<p>GENERAL SITE 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 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 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>	<p>08/09/2013</p>
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<p>OGLA</p>	<p>kubeczkd</p>	<p>PIPELINE COAs:</p> <p>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. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to testing surface poly or buried steel pipelines.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located.</p> <p>Operator must routinely inspect the entire length of the surface pipeline to ensure integrity. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. The operator shall maintain records of inspections, findings and repairs, if necessary, for the life of the pipelines.</p> <p>Operator must ensure 110 percent secondary containment for any potential volume of fluids that may be released from the surface pipeline at all sensitive area crossings, including, but not limited to stream, intermittent stream, ditch, and drainage crossings.</p> <p>Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.</p>	<p>08/09/2013</p>
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S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
<p>Interim Reclamation</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.
<p>General Housekeeping</p>	<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.

Planning	* 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.
Drilling/Completion Operations	* Conduct well completions with drilling operations to limit the number of rig moves and traffic.

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

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:	210786	Type:	WELL	API Number:	045-06544	Status:	PR	Insp. Status:	PR
Facility ID:	210945	Type:	WELL	API Number:	045-06703	Status:	PR	Insp. Status:	PR
Facility ID:	294424	Type:	WELL	API Number:	045-15415	Status:	PR	Insp. Status:	PR
Facility ID:	294425	Type:	WELL	API Number:	045-15414	Status:	PR	Insp. Status:	PR
Facility ID:	294426	Type:	WELL	API Number:	045-15413	Status:	PR	Insp. Status:	PR
Facility ID:	433892	Type:	WELL	API Number:	045-22133	Status:	PR	Insp. Status:	PR
Facility ID:	433893	Type:	WELL	API Number:	045-22134	Status:	PR	Insp. Status:	PR
Facility ID:	433894	Type:	WELL	API Number:	045-22135	Status:	PR	Insp. Status:	PR
Facility ID:	433895	Type:	WELL	API Number:	045-22136	Status:	PR	Insp. Status:	PR

Facility ID: <u>433896</u>	Type: <u>WELL</u>	API Number: <u>045-22137</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433897</u>	Type: <u>WELL</u>	API Number: <u>045-22138</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433898</u>	Type: <u>WELL</u>	API Number: <u>045-22139</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433899</u>	Type: <u>WELL</u>	API Number: <u>045-22140</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433900</u>	Type: <u>WELL</u>	API Number: <u>045-22141</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433902</u>	Type: <u>WELL</u>	API Number: <u>045-22142</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433904</u>	Type: <u>WELL</u>	API Number: <u>045-22143</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433906</u>	Type: <u>WELL</u>	API Number: <u>045-22144</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433907</u>	Type: <u>WELL</u>	API Number: <u>045-22145</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433908</u>	Type: <u>WELL</u>	API Number: <u>045-22146</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433909</u>	Type: <u>WELL</u>	API Number: <u>045-22147</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433910</u>	Type: <u>WELL</u>	API Number: <u>045-22148</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433911</u>	Type: <u>WELL</u>	API Number: <u>045-22149</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433912</u>	Type: <u>WELL</u>	API Number: <u>045-22150</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433913</u>	Type: <u>WELL</u>	API Number: <u>045-22151</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Facility ID: <u>433914</u>	Type: <u>WELL</u>	API Number: <u>045-22152</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>

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: _____

1003a. Waste and Debris removed? _____

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 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 _____ 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
Ditches	Pass					
Gravel	Pass					
Berms	Pass	Compaction	Pass			
Retention Ponds	Pass					
Compaction	Pass	Gravel	Pass			

S/A/V: SATISFACTOR _____ Corrective Date: _____
 Y _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT