

**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:

05/04/2016

Document Number:

682600128

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	431414	430382	Kosola, Jason	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10460Name of Operator: HIGH PLAINS ENERGY LLCAddress: 4545 S MONACO STREET #116City: DENVER State: CO Zip: 80237

- ☐ 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
Axelson, John		john.axelson@state.co.us	
Wheat, Randy	(720) 480-7776	randy@highplainsenergyllc.com	
Wheat, Randy	(720) 480-7776	rvwheat@comcast.net	

**Compliance Summary:**

QtrQtr:	SESE	Sec:	16	Twp:	15s	Range:	48w
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
07/03/2014	668602806	WO	TA	SATISFACTORY			No
05/15/2014	668602656	WO	TA	ACTION REQUIRED	P		No
06/20/2013	668600946	PR	PR	SATISFACTORY	P		No
03/26/2013	668600567	XX	XX	SATISFACTORY	I		No

**Inspector Comment:**

**This is an environmental inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
431414	WELL	TA	11/14/2014	OW	017-07727	PRONGHORN STATE 16-15-48 1-H	EI	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>2</u>	Separators: <u>1</u>	Electric Motors: <u>1</u>
Gas or Diesel Mortors: <u>1</u>	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>3</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: <u>1</u>

**Location**

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): ACTION Corrective Date: 06/09/2016

Comment: **Multiple lease signs listing different operators on location.**

Corrective Action: **Remove lease signs with incorrect ownership data.**

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
STORAGE OF SUPL	<b>ACTION REQUIRED</b>	Multiple piles of unused equipment stored on location.	Comply with Rule 603.f using the Rule 603.f guidance document for further details.	08/01/2016
TRASH	<b>ACTION REQUIRED</b>	Well pad has multiple piles of trash on location. See attached pictures.	Comply with Rule 603.f using the Rule 603.f guidance document for further details.	05/19/2016

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 1 bbl	Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff.	05/10/2016
Lube Oil	Tank	<= 1 bbl	Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff.	05/10/2016

☐ Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b><u>Equipment:</u></b>			
Type:	#	Satisfactory/Action Required:	
Comment			
Corrective Action			Date:

<b>Venting:</b>	
Yes/No	
Comment	

<b>Flaring:</b>			
Type		Satisfactory/Action Required	
Comment:			
Corrective Action:		Correct Action Date:	

### **Predrill**

Location ID: 431414

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

S/AR: \_\_\_\_\_

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

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

CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	allisonr	<p>2. Prior to drilling, operator shall sample the two (2) closest domestic water wells, springs, or surface water features within a one (1) mile radius of the proposed oil and gas location. Testing preference shall be given to domestic water wells and springs over surface water. Testing of surface water features shall only be conducted if two (2) water wells or springs do not exist within a one (1) mile radius of the selected oil and gas location. If possible, the water wells or springs selected should be on opposite sides of the oil and gas location not exceeding a one (1) mile radius. If water wells or springs on opposite sides of the oil and gas location cannot be identified, then the two (2) closest wells or springs within a one (1) mile radius of the oil and gas location shall be sampled. The sample location shall be surveyed in accordance with Rule 215.</p> <p>Water well testing shall include laboratory analysis of pH, total dissolved solids (TDS), specific conductivity (SC), sodium adsorption ratio (SAR) calculation, total recoverable metals (calcium [Ca], potassium [K], magnesium [Mg], sodium [Na], arsenic [As], boron [B], barium [Ba], cadmium [Cd], chromium [Cr], copper [Cu], iron [Fe], manganese [Mn], lead [Pb], selenium [Se]), cations and anions (bromide [Br], chloride [Cl], fluoride [F], sulfate [SO<sub>4</sub>]), alkalinity (total, HCO<sub>3</sub>, and CO<sub>3</sub> – all expressed as CaCO<sub>3</sub>), benzene, toluene, ethyl benzene, o-xylene, m- + p-xylene (BTEX), dissolved methane, diesel range organics (DRO), gasoline range organics (GRO), and nutrients (nitrates, nitrites). Sampling shall be performed by qualified individuals using commonly accepted environmental sampling procedures. Field observations such as pH, temperature, specific conductance, odor, water color, sediment, bubbles, and effervescence shall also be included.</p> <p>Post-completion tests shall be performed for the same analytical parameters listed above and repeated one (1), three (3) and six (6) years thereafter. If no significant changes from the baseline have been identified after the third test (i.e. the six-year test), no further testing shall be required. Additional test(s) may be required if changes in water quality are identified during follow-up testing. The Director may require further water well sampling at any time in response to complaints from water well owners.</p> <p>If free gas or a dissolved methane concentration level greater than one (1) milligrams per liter (mg/l) is detected in a water well, gas compositional analysis and stable isotope analysis of the methane (carbon and deuterium) shall be performed to determine gas type (biogenic or thermogenic). If the methane concentration increases by more than five (5) mg/l between sampling periods, or increases to more than ten (10) mg/l, the operator shall notify the Director and the owner of the water well immediately. If thermogenic methane concentrations increase between sampling periods, the operator shall submit to the Director an action plan to determine the source of the increase.</p> <p>Copies of all test results described above shall be provided to the Director and the landowner where the water quality testing well is located within three (3) months of collecting the samples used for the test. The analytical data and surveyed sample locations shall also be submitted to the Director in an electronic data deliverable format approved by Director.</p>	09/19/2012
OGLA	allisonr	<p>1. Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required. A drilling pit used for disposal of cuttings from the closed loop system does not require lining. The contents of any drilling pit shall meet Table 910-1 Standards prior to closure.</p>	09/19/2012

S/AR: \_\_\_\_\_

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

Inspector Name: Kosola, Jason

<b>CA:</b> _____	<b>Date:</b> _____
<b>Wildlife BMPs:</b>	
<b>S/AR:</b> _____	<b>Comment:</b> _____
<b>CA:</b> _____	<b>Date:</b> _____
<b>Comment:</b> _____	
<b>Staking:</b>	
<b>On Site Inspection (305):</b>	
<u>Surface Owner Contact Information:</u>	
Name: _____	Address: _____
Phone Number: _____	Cell Phone: _____
<u>Operator Rep. Contact Information:</u>	
Landman Name: _____	Phone Number: _____
Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<u>LGD Contact Information:</u>	
Name: _____	Phone Number: _____
Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>	
_____	
<u>Summary of Operator Response to Landowner Issues:</u>	
_____	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	
_____	

**Facility**

Facility ID: 431414	Type: WELL	API Number: 017-07727	Status: TA	Insp. Status: EI
---------------------	------------	-----------------------	------------	------------------

**Environmental**

<b>Spills/Releases:</b>		
Type of Spill: _____	Description: _____	Estimated Spill Volume: _____
Comment: _____		
Corrective Action: _____		Date: _____
Reportable: _____	GPS: Lat _____	Long _____
Proximity to Surface Water: _____	Depth to Ground Water: _____	

<b>Water Well:</b>		Lat _____	Long _____
DWR Receipt Num: _____	Owner Name: _____	GPS : _____	

<b>Field Parameters:</b>
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 \_\_\_\_\_

Inspector Name: Kosola, Jason

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

S/A/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

CA: \_\_\_\_\_

**Pits:** ☒ NO SURFACE INDICATION OF PIT

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
682600128	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3851129">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3851129</a>
682600129	Inspection photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3851108">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3851108</a>