

**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:  
06/16/2015Document Number:  
667500380Overall Inspection:  
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	436250	433300	Rickard, Jeff	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 8960

Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY

Address: 410 17TH STREET SUITE #1400

City: 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
Jones,		EHSRC@bonanzacrk.com	All Bonanza Creek Inspections

**Compliance Summary:**QtrQtr: SESE Sec: 36 Twp: 5N Range: 63W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
433296	WELL	PR	03/03/2015	OW	123-37577	State North Platte 34-31-36HNB	PR	<input checked="" type="checkbox"/>
433298	WELL	PR	03/03/2015	OW	123-37578	State North Platte Y-U-36HC	PR	<input checked="" type="checkbox"/>
436246	WELL	DG	05/06/2014	OW	123-39006	State North Platte 44-41-36HNB	PR	<input checked="" type="checkbox"/>
436247	WELL	DG	04/29/2014	OW	123-39007	State North Platte T44-P41-36HNC	PR	<input checked="" type="checkbox"/>
436248	WELL	PR	10/22/2014	OW	123-39008	State North Platte T34-P31-36HNC	PR	<input checked="" type="checkbox"/>
436249	WELL	PR	10/22/2014	OW	123-39009	State North Platte T-P-36HNB	PR	<input checked="" type="checkbox"/>
436250	WELL	DG	05/18/2014	OW	123-39010	State North Platte Y44-U41-36HNC	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: <u>      </u>	Drilling Pits: <u>      </u>	Wells: <u>7</u>	Production Pits: <u>      </u>
Condensate Tanks: <u>28</u>	Water Tanks: <u>7</u>	Separators: <u>7</u>	Electric Motors: <u>7</u>
Gas or Diesel Mortors: <u>7</u>	Cavity Pumps: <u>      </u>	LACT Unit: <u>      </u>	Pump Jacks: <u>7</u>
Electric Generators: <u>4</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>      </u>	Water Pipeline: <u>      </u>
Gas Compressors: <u>6</u>	VOC Combustor: <u>7</u>	Oil Tanks: <u>      </u>	Dehydrator Units: <u>      </u>
Multi-Well Pits: <u>      </u>	Pigging Station: <u>1</u>	Flare: <u>      </u>	Fuel Tanks: <u>      </u>

Inspector Name: Rickard, Jeff

### Location

Emergency Contact Number (S/A/V): \_\_\_\_\_

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
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### Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
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### Predrill

Location ID: 436250

### Site Preparation:

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

S/A/V: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

### Form 2A COAs:

S/A/V: \_\_\_\_\_ Comment: \_\_\_\_\_

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

### Wildlife BMPs:

BMP Type	Comment
Construction	<p>Construction, Maintenance and Surface Reclamation Plan            State North Platte T-36 Pad; Sec 36 T5N, R63W, 6th PM, Weld County, CO            Located On Colorado State Lands</p> <p>Bonanza Creek Energy, Inc. ("Bonanza") proposes the following procedures for Maintenance and Reclamation of surface disturbances caused by activities associated with drilling and production activities on land owned and managed by the State of Colorado.</p> <p>Construction Activities</p> <ul style="list-style-type: none"> <li>• Construction of location and new access roads will account for existing topography in order to avoid excessive road cuts into existing sand dunes and related landforms.</li> <li>• Prior to construction of location and new road(s) vegetation will be stripped.</li> <li>• Intent is to construct road across the top of the existing topography leaving topsoil in place. If State requires topsoil to be stockpiled it will be rolled to the designated side of the road to segregate and stockpile. The resulting topsoil stockpile will be secured to prevent wind erosion and treated to prevent growth of noxious weeds.</li> <li>• Road construction in excessively sandy areas; disturbances will be covered with 2-4 inches of gravel or roadbase and compacted. Roadbase will be augmented as necessary for the life of the access road.</li> <li>• In order to construct a level drilling and operations location with a 500 ft x 500 ft working area, adjacent sand dunes and related landforms will be cut to a 1.5:1 slope. The cut slopes will be treated with an application of Tackifier containing grass seed and shredded cardboard mulch.</li> <li>• The cut slopes will be watered (and re-treated) as necessary until sufficient vegetation is established to protect the slope from soil loss due to wind and water erosion.</li> <li>• The leveled drilling and operations pad will be treated with Magnesium Chloride to prevent dust and erosion due to wind and water. Magnesium Chloride will be re-applied, as necessary until interim reclamation is initiated.</li> </ul> <p>Maintenance</p> <ul style="list-style-type: none"> <li>• During lease operation Bonanza will control noxious weeds on the location in conformance with Colorado Noxious Weed Act and local guidelines.</li> <li>• Appropriate BMPs will be instituted as necessary in order to mitigate loss of soil due to erosion.</li> </ul> <p>Final Reclamation</p> <ul style="list-style-type: none"> <li>• Land will be re-contoured and stabilized to support vegetation, reduce erosion, and establish "bowls" in the general shape and vicinity as those pre-existing, documented by survey and photographs.</li> <li>• In areas where topsoil was stockpiled the topsoil will be distributed evenly over the entire disturbed area.</li> <li>• The seedbed will be prepared by disking to a depth of four (4) to six (6) inches, where feasible, following the contour. If the surface is not overly compacted it will not be ripped to hold seed. If necessary, after the road area has been reshaped and after redistributing available topsoil, Bonanza will rip and scarify on the contour to a depth of twelve inches.</li> <li>• All disturbed areas will be seeded with a seed mixture representative of the surrounding vegetation, as detailed in the Attached NRCS Rangeland Productivity and Plant Composition Report (Valent Sand, Map Unit 70), or a mixture specified by the surface owner.</li> <li>• Seeds will be planted after September 15th and/or prior to ground frost or seed will be planted after the last frost in spring and before dry summer conditions. Seed will be planted to a depth of 0.5 inch. Stabilization using straw crimp or other approved method will be used to stabilize the seedbed to prevent soil loss. Certified seed will be used with a minimum germination rate of 80% and a purity of 90%.</li> <li>• Prior to final reclamation or abandonment of the well site and road, a joint inspection of the disturbed area will be held with the surface owner and operator.</li> </ul>

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Construction	<b>Bonanza Creek Energy Best Management Practices for Installation of Cement Water Vaults</b>  1) The excavation will first be lined with 4" of clay or other low permeability soil. 2) A 30 mil liner will be installed on top of the low permeability soil. The 30 mil liner will be a contiguous liner which will underlay the entire tank battery. 3) The tank battery / water vault liner will be keyed into a galvanized steel containment ring installed surrounding the tank battery. 4) Sand bedding will be installed to protect the synthetic liner prior to placing equipment in the containment area.
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**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**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:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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**Facility**

Facility ID: 433296 Type: WELL API Number: 123-37577 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

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

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

Facility ID: 433298 Type: WELL API Number: 123-37578 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 436246 Type: WELL API Number: 123-39006 Status: DG Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 436247 Type: WELL API Number: 123-39007 Status: DG Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 436248 Type: WELL API Number: 123-39008 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 436249 Type: WELL API Number: 123-39009 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 436250 Type: WELL API Number: 123-39010 Status: DG Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

**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): Y \_\_\_\_\_

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

Pilot: ON \_\_\_\_\_ Wildlife Protection Devices (fired vessels): YES \_\_\_\_\_

**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? Pass \_\_\_\_\_ Production areas stabilized ? Pass \_\_\_\_\_

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? \_\_\_\_\_

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**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
Gravel	Pass					

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

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

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

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