

**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:

03/11/2016

Document Number:

684900785

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	441915	441915	Pesicka, Conor	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 8960Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANYAddress: 410 17TH STREET SUITE #1400City: 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 Inspections

**Compliance Summary:**QtrQtr: SESW Sec: 27 Twp: 5N Range: 63W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/26/2016	684900701			AR			No
02/09/2016	684900551			SC			No

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
442269	WELL	DG	08/29/2015	LO	123-41763	LOST NPP31T3434HNB	DG	<input type="checkbox"/>
442272	WELL	PR	11/01/2015	OW	123-41765	North Platte 31-34-34HNC	PR	<input checked="" type="checkbox"/>
442343	WELL	PR	11/01/2015	OW	123-41817	North Platte P31-T34-34HC	PR	<input checked="" type="checkbox"/>
442466	WELL	PR	11/01/2015	OW	123-41883	North Platte 21-24-34HNB	PR	<input checked="" type="checkbox"/>
442468	WELL	PR	11/01/2015	OW	123-41885	North Platte K21-O24-34HC	PR	<input checked="" type="checkbox"/>
442469	WELL	PR	11/01/2015	OW	123-41886	North Platte K21-O24-34HNC	PR	<input checked="" type="checkbox"/>
442470	WELL	PR	11/01/2015	OW	123-41887	North Platte K31-O34-34HNB	PR	<input checked="" type="checkbox"/>
443036	WELL	PR	11/01/2015	OW	123-42108	North Platte P31-T34-34HNB	PR	<input checked="" type="checkbox"/>

**Equipment:****Location Inventory**

Inspector Name: Pesicka, Conor

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>28</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>8</u>	Separators: <u>35</u>	Electric Motors: <u>35</u>
Gas or Diesel Mortors: <u>28</u>	Cavity Pumps: <u>4</u>	LACT Unit: <u>3</u>	Pump Jacks: <u>28</u>
Electric Generators: <u>4</u>	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>6</u>	VOC Combustor: <u>16</u>	Oil Tanks: <u>14</u>	Dehydrator Units: <u>2</u>
Multi-Well Pits: _____	Pigging Station: <u>4</u>	Flare: <u>1</u>	Fuel Tanks: _____

### Location

#### Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

#### Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY	methanol		
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY	Section 26 super battery		
BATTERY	SATISFACTORY	location battery		

Emergency Contact Number (S/AR): SATISFACTORY

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

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

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

#### Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

#### Spills:

Type	Area	Volume	Corrective action	CA Date
------	------	--------	-------------------	---------

☐ Multiple Spills and Releases?

#### Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	agricultural *2		

#### Equipment:

Type: Compressor	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	oil pump		
Corrective Action		Date:	
Type: Plunger Lift	# 7	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	

Inspector Name: Pesicka, Conor

Type: Pig Station	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Heated Separator	# 7	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Other	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment Water pumps to NGL C12 saltwater disposal			
Corrective Action			Date:
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment nat gas gen			
Corrective Action			Date:
Type: Ancillary equipment	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment methanol pumps			
Corrective Action			Date:
Type: Emission Control Device	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Bird Protectors	# 8	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Other	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment Gas lift			
Corrective Action			Date:
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment Solar and telemetry			
Corrective Action			Date:

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	4	500 BBLS	STEEL AST	40.366730,-104.422130

S/AR	SATISFACTORY	Comment:	Two skim tanks (oil), one maintenance tank (oil). Produced water is sent to NGL C12 saltwater disposal API#123-41201 LocID 440941
------	--------------	----------	-----------------------------------------------------------------------------------------------------------------------------------

Corrective Action:		Corrective Date:	
--------------------	--	------------------	--

Paint

Condition	Adequate
-----------	----------

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Inspector Name: Pesicka, Conor

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

**Venting:**

Yes/No	NO
Comment	

**Flaring:**

Type	Satisfactory/Action Required	
Comment:		
Corrective Action:		Correct Action Date:

**Predrill**

Location ID: 441915

**Site Preparation:**

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

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

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	HouseyM	Location #434730 is currently listed as having a CLOSED status. Operator shall submit an amended/refiled Form 2A prior to producing to this Location.	05/21/2015
OGLA	HouseyM	Location lies approximately 21 feet to the north of the Riverside Intake Canal. Operator shall use tertiary containment along the cross- and down-gradient perimeters of the Location.	05/18/2015
OGLA	HouseyM	Unnecessary or excessive flaring is prohibited. Operator shall direct all salable quantity gas to a sales line as soon as practicable or shut in and conserved.	05/21/2015

**S/AR:** SATISFACTORY **Comment:** Containment on south bank is satisfactory**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Construction	The following procedure describes BCEI standard construction practices for setting a partially buried pre-cast cement water vault and new tank battery construction. 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.
Material Handling and Spill Prevention	Production Pits, Special Purpose Pits (other than Emergency Pits), and flowback pits containing E&P waste will not be installed or constructed within a defined Floodplain without prior Director approval.
Material Handling and Spill Prevention	This location will have secondary containment, in the form of a steel ring, constructed around the tanks and will include a synthetic or geosynthetic liner that is mechanically connected to the steel ring.

Inspector Name: Pesicka, Conor

Material Handling and Spill Prevention	Wells will be equipped with remote shut-in capabilities prior to commencing production. The shut-in capabilities will be located outside of the associated floodplain and will also have the capability of being remotely operated via the BCEI SCADA system.
Material Handling and Spill Prevention	Tanks, including partially buried cement vaults, and separation equipment will be anchored to the ground. Anchors will be engineered to support the Tank and separation equipment and to resist flotation, collapse, lateral movement, or subsidence.
Construction	Bonanza Creek Energy Operating Company acknowledges and will comply with the "COGCC Policy On the Use of Modular Large Volume Tanks in Colorado" dated June 13, 2014.

**S/AR:** SATISFACTORY **Comment:** Steel ring with liner in place

**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: 442272 Type: WELL API Number: 123-41765 Status: PR Insp. Status: PR

#### Producing Well

Comment: PR

#### BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442343 Type: WELL API Number: 123-41817 Status: PR Insp. Status: PR

#### Producing Well

Comment: PR

#### BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Inspector Name: Pesicka, Conor

Facility ID: 442466 Type: WELL API Number: 123-41883 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442468 Type: WELL API Number: 123-41885 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442469 Type: WELL API Number: 123-41886 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442470 Type: WELL API Number: 123-41887 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 443036 Type: WELL API Number: 123-42108 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

**Environmental**

**Spills/Releases:**

Type of Spill: Description: Estimated Spill Volume:

Comment:

Inspector Name: Pesicka, Conor

Corrective Action: _____		Date: _____	
Reportable: _____	GPS: Lat _____	Long _____	
Proximity to Surface Water: _____		Depth to Ground Water: _____	
<b><u>Water Well:</u></b>			
DWR Receipt Num: _____	Owner Name: _____	GPS : _____	Lat _____ Long _____
<b><u>Field Parameters:</u></b>			
Sample Location: _____			
Emission Control Burner (ECB): Y _____			
Comment: _____			
Pilot: ON _____	Wildlife Protection Devices (fired vessels): YES _____		
<b><u>Reclamation - Storm Water - Pit</u></b>			
<b><u>Interim Reclamation:</u></b>			
Date Interim Reclamation Started: _____		Date Interim Reclamation Completed: _____	
Land Use: RANGELAND			
Comment: _____			
1003a. Waste and Debris removed? Pass _____			
CM _____		CA Date _____	
Unused or unneeded equipment onsite? Pass _____			
CM _____		CA Date _____	
Pit, cellars, rat holes and other bores closed? Pass _____			
CM _____		CA Date _____	
Guy line anchors marked? _____			
CM _____		CA Date _____	
1003b. Area no longer in use? In _____		Production areas stabilized ? Pass _____	
1003c. Compacted areas have been cross ripped? _____			
1003d. Drilling pit closed? Pass _____		Subsidence over on drill pit? Pass _____	
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			
<u>Cropland</u>			
Top soil replaced _____		Recontoured _____ Perennial forage re-established _____	
<u>Non-Cropland</u>			

Inspector Name: Pesicka, Conor

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					
Ditches	Pass					
Berms	Pass	Gravel	Pass			

S/A/V: SATISFACTOR  
Y

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

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

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

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