

**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:

02/26/2016

Document Number:

684900701

Overall Inspection:

**ACTION REQUIRED****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: 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
Peterson,		EHSRC@bonanzacrk.com	All Inspections

**Compliance Summary:**

QtrQtr: <u>SESW</u>		Sec: <u>27</u>	Twp: <u>5N</u>		Range: <u>63W</u>		
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
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: 28	Production Pits: _____
Condensate Tanks: _____	Water Tanks: 8	Separators: 35	Electric Motors: 35
Gas or Diesel Mortors: 28	Cavity Pumps: 4	LACT Unit: 3	Pump Jacks: 28
Electric Generators: 4	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: 6	VOC Combustor: 16	Oil Tanks: 14	Dehydrator Units: 2
Multi-Well Pits: _____	Pigging Station: 4	Flare: 1	Fuel Tanks: _____

### Location

#### Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

#### Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	SATISFACTORY			
BATTERY	SATISFACTORY	Section 26 super battery		
CONTAINERS	SATISFACTORY	methanol		
WELLHEAD	SATISFACTORY			
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
UNUSED EQUIPMENT	ACTION REQUIRED	Unused methanol pumps on location; Unused equipment around plunger lifts	Remove or put into use	08/26/2016
TRASH	ACTION REQUIRED	Trash in low lying areas around wellheads, some trash on pad, especially on unused edge areas	Remove trash	04/26/2016

#### Spills:

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

#### Fencing/:

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

#### Equipment:

Type: Plunger Lift	# 7	Satisfactory/Action Required: ACTION REQUIRED
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Inspector Name: Pesicka, Conor

Comment	Stained soil around multiple wellheads		
Corrective Action	fix leaks if any; remove or remediate stained soil		Date: 4/26/2016
Type: Other	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	Gas lift		
Corrective Action			Date:
Type: Compressor	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	Oil pump		
Corrective Action			Date:
Type: Pig Station	# 2	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: Bird Protectors	# 9	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Heated Separator	# 8	Satisfactory/Action Required:	ACTION REQUIRED
Comment	Multiple separator houses have stained soil within		
Corrective Action	fix leaks if any; remove or remediate stained soil		Date: 4/26/2016
Type: Dehydrator	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Emission Control Device	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	solar & telemetry		
Corrective Action			Date:

**Facilities:**☐ New Tank

Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	4	500 BBLS	STEEL AST	40.366780,-104.420790

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
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

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

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

**Berms**

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:** Ditches and berms around location**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.

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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.
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 around tanks 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:

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: \_\_\_\_\_  
 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. Waste and Debris removed? Pass

CM \_\_\_\_\_

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

Unused or unneeded equipment onsite? Pass

CM \_\_\_\_\_

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

Pit, cellars, rat holes and other bores closed? Pass

CM \_\_\_\_\_

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

Guy line anchors marked? \_\_\_\_\_

CM \_\_\_\_\_

CA \_\_\_\_\_ 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? \_\_\_\_\_

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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	Gravel	Pass			
Waddles	Pass					

S/A/V: SATISFACTOR  
Y

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
684900702	Stained soil in separator house	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794364">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794364</a>
684900703	Stained soil in separator house	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794365">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794365</a>
684900704	Unused methanol pump	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794366">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794366</a>
684900705	Unused methanol pump	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794367">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794367</a>
684900706	Trash around wellhead	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794368">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794368</a>
684900707	Unused equipment, stained soil at wellhead	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794369">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794369</a>
684900708	Unused equipment at wellhead	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794370">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3794370</a>