

**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:

02/04/2016

Document Number:

684900526

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	428267	428267	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: SESW Sec: 34 Twp: 5N Range: 63W

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
428262	WELL	AL	02/26/2014	LO	123-35291	North Platte 24-34	AL <input type="checkbox"/>
428270	WELL	PR	08/11/2015	OW	123-35297	North Platte 33-34	SI <input checked="" type="checkbox"/>
428276	WELL	PR	08/11/2015	OW	123-35300	North Platte 34-34	SI <input checked="" type="checkbox"/>
428282	WELL	AL	02/26/2014	LO	123-35304	North Platte N-34	AL <input type="checkbox"/>
428296	WELL	AL	02/26/2014	LO	123-35308	North Platte 23-34	AL <input type="checkbox"/>

Equipment:**Location Inventory**

Special Purpose Pits: <u> </u>	Drilling Pits: <u> </u>	Wells: <u>8</u>	Production Pits: <u> </u>
Condensate Tanks: <u>4</u>	Water Tanks: <u>6</u>	Separators: <u>18</u>	Electric Motors: <u>8</u>
Gas or Diesel Mortors: <u>8</u>	Cavity Pumps: <u> </u>	LACT Unit: <u> </u>	Pump Jacks: <u>8</u>
Electric Generators: <u>6</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u> </u>	Water Pipeline: <u> </u>
Gas Compressors: <u>4</u>	VOC Combustor: <u>8</u>	Oil Tanks: <u>14</u>	Dehydrator Units: <u>2</u>
Multi-Well Pits: <u> </u>	Pigging Station: <u>1</u>	Flare: <u> </u>	Fuel Tanks: <u> </u>

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			
WELLHEAD	SATISFACTORY	Two wellheads		
CONTAINERS	SATISFACTORY	Methanol, engine oil, coolant		
BATTERY	SATISFACTORY			

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		

Equipment:				
Type: Vertical Separator	# 5	Satisfactory/Action Required:	SATISFACTORY	
Comment	2 VRTs			
Corrective Action				Date:
Type: Ancillary equipment	# 2	Satisfactory/Action Required:	SATISFACTORY	
Comment	Engine oil container			
Corrective Action				Date:
Type: Compressor	# 2	Satisfactory/Action Required:	SATISFACTORY	
Comment	Sales line compressor Gas lift compressor			
Corrective Action				Date:
Type: Bird Protectors	# 17	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Ancillary equipment	# 2	Satisfactory/Action Required:	SATISFACTORY	

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Comment		Coolant container	
Corrective Action		Date:	
Type: Gas Meter Run	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment		Methanol container	
Corrective Action		Date:	
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment		Solar & Telemetry	
Corrective Action		Date:	
Type: VRU	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	
Type: Horizontal Heated Separator	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment		Recycle pump	
Corrective Action		Date:	
Type: Ancillary equipment	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment		Methanol pumps	
Corrective Action		Date:	
Type: Emission Control Device	# 6	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	
Type: Horizontal Heated Separator	# 10	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	
Type: Pig Station	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	<100 BBLS	PBV CONCRETE	40.349160,-104.423690
S/AR	SATISFACTORY		Comment:	
Corrective Action:				Corrective Date:
Paint				
Condition	Adequate			
Other (Content) _____				

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Other (Capacity) 60bbl

Other (Type)

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
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Comment Shared with crude oil

Facilities:

☐ New Tank

Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	OTHER	STEEL AST	40.349160,-104.423690

S/AR	SATISFACTORY	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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Other (Content)

Other (Capacity) 803bbl

Other (Type)

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
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Comment Shared with crude oil

Facilities:

☐ New Tank

Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	8	OTHER	STEEL AST	40.349160,-104.423690

S/AR	SATISFACTORY	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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Other (Content)

Other (Capacity) 803bbl

Other (Type)

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action		Corrective Date	
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Comment	
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Venting:

Yes/No	NO
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Comment	
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Flaring:

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

Predrill

Location ID: 428267

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
	HouseyM	The Proposed Location shall be designed in a manner that will prevent glare from lighting to impact driver safety along County Road 380.	07/29/2014
OGLA	HouseyM	Preventative measures will be taken to mitigate fugitive dust emissions from migrating off the Proposed Location including but not limited to the use of engineered controls.	07/29/2014
OGLA	HouseyM	All future wellheads proposed for this Location shall be in compliance with all COGCC Rules and setbacks. Each Application for Permit to Drill (APD - Form 2) submitted shall be accompanied by the 502.b Variance Request letter attached to this Form 2A, along with the waiver from the County. The variance request letter attached to this Form 2A is for reference only and approval of the Form 2A does not constitute approval of the variance.	08/20/2014

S/AR: _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Dust control	<p>Odors and Dust</p> <p>Oil and gas facilities and equipment will be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare.</p> <p>If drilling mud is to sit stagnant for any lengthy period of time, biocides will be added to prevent the build-up of nuisance odors.</p> <p>The location will be watered, as needed, to prevent the formation of fugitive dust due to truck traffic and equipment operations. Additionally, exceptionally sandy locations will be plated with up to 4-inches of cohesive soils or Class V Roadbase.</p> <p>During frac'ing operations, dust control socks will be placed on the mountain movers/sand masters and storage bins to control the spread of fugitive silica dust.</p> <p>During hydraulic fracturing operations, a Sierra Frac Sand, LLC Total Dust Control System, or equivalent, will be implemented in order to control the release of fugitive dust from inspection hatches on top of the bulk storage movers, transfer belts, "T" or "V" belts leading to the blender hopper, and drop points throughout the activities of unloading, storing, transfer or conveying of sand used in hydraulic fracturing operations.</p>
Construction	<p>The following procedure describes BCEI standard construction practices for setting a partially buried pre-cast cement water vault and new tank battery construction.</p> <ol style="list-style-type: none"> 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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Drilling/Completion
Operations

Lighting

To the extent practicable, site lighting will be directed downward and inward and shielded so as to avoid glare.

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: 428270 Type: WELL API Number: 123-35297 Status: PR Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: SATISFACTORY CA Date: _____

CA: _____

Comment: SI due to nearby frac

BradenHead

Comment: Bradenhead plumbed to surface

CA: _____

CA Date: _____

Facility ID: 428276 Type: WELL API Number: 123-35300 Status: PR Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: SATISFACTORY CA Date: _____

CA: _____

Comment: SI due to nearby frac

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: DRY LAND, 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?

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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

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: DRY LAND, 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
Berms	Pass	Gravel	Pass			
Gravel	Pass					
Ditches	Pass					

S/A/V: SATISFACTOR
Y _____

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT