Inspector Name: Rickard, Jeff

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: 09/08/2015

Document Number: 674102577

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	442269	441915	Rickard, Jeff	☐	

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: SESW Sec: 27 Twp: 5N Range: 63W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
442269	WELL	DG	08/29/2015		123-41763	LOST NPP31T3434HNB	DG	X
442272	WELL	DG	08/27/2015		123-41765	North Platte 31-34-34HNC	DG	X
442343	WELL	DG	08/29/2015		123-41817	North Platte P31-T34-34HC	DG	X
442466	WELL	DG	08/19/2015		123-41883	North Platte 21-24-34HNB	DG	X
442468	WELL	DG	08/21/2015		123-41885	North Platte K21-O24-34HC	DG	X
442469	WELL	DG	08/23/2015		123-41886	North Platte K21-O24-34HNC	DG	X
442470	WELL	DG	08/25/2015		123-41887	North Platte K31-O34-34HNB	DG	X
443036	WELL	XX	08/27/2015		123-42108	North Platte P31-T34-34HNB	XX	

Equipment: Location Inventory

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:	

Inspector Name: Rickard, Jeff

Location

Emergency Contact Number (S/A/V): _____ Corrective Date: _____

Comment:

Corrective Action:

Spills:				
Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 442269

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
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	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	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/A/V: _____ **Comment:**

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.
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/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:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 442269 Type: WELL API Number: 123-41763 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: Access Sign:

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

Facility ID: 442272 Type: WELL API Number: 123-41765 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: Access Sign:

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

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

Well Drilling

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: Access Sign:

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

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

Well Drilling

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: Access Sign:

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

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

Well Drilling

Inspector Name: Rickard, Jeff

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: Access Sign:

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

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

Well Drilling

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: Access Sign:

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

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

Well Drilling

Rig: Rig Name: Extreme 22 Pusher/Rig Manager:

Permit Posted: SATISFACTORY Access Sign: SATISFACTORY

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location:

Comment:

Environmental

Spills/Releases:

Type of Spill: Description: Estimated Spill Volume:

Comment:

Corrective Action: Date:

Inspector Name: Rickard, Jeff

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): _____

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. 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? _____ 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 _____

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					
Berms	Pass					

S/A/V: SATISFACTORY Corrective Date: _____

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT