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: 06/26/2015

Document Number: 673901014

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	428276	428267	Rains, Bill	☐	

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 Inspections

Compliance Summary:

QtrQtr: SESW Sec: 34 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)
11/19/2013	665400716	PR	FR	SATISFACTORY			No
03/20/2013	670500624	PR	PR	SATISFACTORY	P		No
07/02/2012	661601683			ACTION REQUIRED			No
07/02/2012	661601684			ACTION REQUIRED			No

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	X
428270	WELL	SI	05/14/2015	OW	123-35297	North Platte 33-34	PR	X
428276	WELL	SI	05/14/2015	OW	123-35300	North Platte 34-34	PR	X
428282	WELL	AL	02/26/2014	LO	123-35304	North Platte N-34	AL	X
428296	WELL	AL	02/26/2014	LO	123-35308	North Platte 23-34	AL	X

Equipment: Location Inventory

Inspector Name: Rains, Bill

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

Location

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
BATTERY	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date:

Comment:

Corrective Action:

Spills:				
Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	Pipe		
LOCATION	SATISFACTORY	Wire		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Plunger Lift	2	SATISFACTORY			
VRU	3	SATISFACTORY			
Emission Control Device	6	SATISFACTORY			
Vertical Separator	5	SATISFACTORY	VRTs		
Horizontal Heated Separator	10	SATISFACTORY	Separators in metal berm		
Ancillary equipment	6	SATISFACTORY	Oil tanks and solar panels		
Bird Protectors	16	SATISFACTORY			
Gas Meter Run	15	SATISFACTORY			
Other	1	SATISFACTORY	Glycol heater		
Compressor	2	SATISFACTORY			

Facilities: ☐ New Tank Tank ID:

Contents	#	Capacity	Type	SE GPS

Inspector Name: Rains, Bill

			CENTRALIZED BATTERY	,	
S/A/V:		Comment:	Facilitate Wells 123-35292, 123-35294, 123-35298, 123-39912, 123-39909, 123-39910, 123-39911, 123-39908, 123-35297, 123-35300		
Corrective Action:				Corrective Date:	

Paint

Condition	

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED PAD	,

S/A/V:		Comment:			
Corrective Action:				Corrective Date:	

Paint

Condition	

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	<100 BBLS	PBV CONCRETE	,

S/A/V:	SATISFACTORY	Comment:			
Corrective Action:				Corrective Date:	

Paint

Condition	

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Inspector Name: Rains, Bill

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

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

S/A/V:	SATISFACTORY	Comment:	803 bbl tanks
Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	8	OTHER	STEEL AST	40.349190,-104.423740

S/A/V:	SATISFACTORY	Comment:	803 bbl tanks
Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

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

Corrective Action		Corrective Date	
Comment			

Venting:	
Yes/No	Comment
NO	

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

Predrill

Location ID: 428276

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	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
OGLA	HouseyM	Preventative measures will be taken to mitigate fugitive dust emisions from migrating off the Proposed Location including but not limited to the use of engineered controls.	07/29/2014
	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

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Dust control	Odors and Dust 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. 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. 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. 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. 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.
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.
Drilling/Completion Operations	Lighting To the extent practicable, site lighting will be directed downward and inward and shielded so as to avoid glare.

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

Comment: _____

Inspector Name: Rains, Bill

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: 428262 Type: WELL API Number: 123-35291 Status: AL Insp. Status: AL

Idle Well

Purpose: ☐ Shut In ☐ Temporarily Abandoned Reminder:

S/A/V: SATISFACTORY CA Date:

CA: Well not drilled.

Comment:

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

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead exposed to surface.

CA:

CA Date:

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

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead exposed to surface.

CA:

CA Date:

Facility ID: 428282 Type: WELL API Number: 123-35304 Status: AL Insp. Status: AL

Inspector Name: Rains, Bill

Idle Well

Purpose: ☐ Shut In ☐ Temporarily Abandoned Reminder:

S/A/V: SATISFACTORY CA Date:

CA: Well not drilled.

Comment:

Facility ID: 428296 Type: WELL API Number: 123-35308 Status: AL Insp. Status: AL

Idle Well

Purpose: ☐ Shut In ☐ Temporarily Abandoned Reminder:

S/A/V: CA Date:

CA: Well not drilled.

Comment:

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. Debris removed? Pass CM

CA CA Date

Waste Material Onsite? 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

Inspector Name: Rains, Bill

CA _____ CA Date _____

Guy line anchors removed? Pass 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? 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	Culverts	Pass	MHSP	Pass	
Gravel	Pass	Gravel	Pass			

Inspector Name: Rains, Bill

Other	Pass					Sand bags

S/A/V: SATISFACTORY Corrective Date: _____

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT