

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



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Inspection Date:
05/01/2015

Document Number:
673900971

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>435650</u>	<u>435653</u>	<u>Rains, Bill</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>8960</u>
Name of Operator:	<u>BONANZA CREEK ENERGY OPERATING COMPANY</u>
Address:	<u>410 17TH STREET SUITE #1400</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>

- 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: SWSE Sec: 18 Twp: 5N Range: 62W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
435649	WELL	PR	07/07/2014	OW	123-38705	Antelope O34-K31-18HNC	PR	<input checked="" type="checkbox"/>
435650	WELL	PR	07/07/2014	OW	123-38706	Antelope Y44-U41-18HNC	PR	<input checked="" type="checkbox"/>
435651	WELL	PR	02/15/2014	OW	123-38707	Antelope T44-P41-18HC	PR	<input checked="" type="checkbox"/>
435652	WELL	PR	07/07/2014	OW	123-38708	Antelope T34-P31-18HNB	PR	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits:	<u> </u>	Drilling Pits:	<u> </u>	Wells:	<u>7</u>	Production Pits:	<u> </u>
Condensate Tanks:	<u>4</u>	Water Tanks:	<u>7</u>	Separators:	<u>7</u>	Electric Motors:	<u>13</u>
Gas or Diesel Mortors:	<u>7</u>	Cavity Pumps:	<u> </u>	LACT Unit:	<u>2</u>	Pump Jacks:	<u>7</u>
Electric Generators:	<u>4</u>	Gas Pipeline:	<u> </u>	Oil Pipeline:	<u> </u>	Water Pipeline:	<u> </u>
Gas Compressors:	<u>10</u>	VOC Combustor:	<u>8</u>	Oil Tanks:	<u>25</u>	Dehydrator Units:	<u>1</u>
Multi-Well Pits:	<u> </u>	Pigging Station:	<u>1</u>	Flare:	<u>1</u>	Fuel Tanks:	<u> </u>

Location

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			

Inspector Name: Rains, Bill

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

Comment: _____

Corrective Action: _____

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	PIPE		
LOCATION	SATISFACTORY	WIRE		

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Vertical Separator	4	SATISFACTORY			
Other	1	SATISFACTORY	GAS LIFT SKID		
Other	1	SATISFACTORY	300bbl MOBLE FRAC TANK		
Gas Meter Run	4	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	METH PUMP AND TANK		
Plunger Lift	4	SATISFACTORY			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED PAD	

S/A/V: _____ Comment: **SEE DOC# 673900970 FOR FACILITIE INVENTORY**

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 _____

Venting:

Yes/No	Comment
NO	

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

Predrill

Location ID: 435650

Site Preparation:

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

S/AV: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	deranleg	COGCC Rules 604.a. and 605.a.(2,3,5,6,7, and 8), as applicable to tank setbacks at the time of installation shall apply to the siting of TLVSTs.	12/23/2013
OGLA	deranleg	TLVSTs shall be constructed and operated in accordance with a design certified by a Colorado Licensed Professional Engineer.	12/23/2013
OGLA	deranleg	All TLVST liner seams shall be welded at the liner manufacturers facility; field welded liners shall not be used. Liners shall not be reused.	12/23/2013
OGLA	deranleg	TLVSTs shall be operated with a minimum of 1 foot freeboard.	12/23/2013
OGLA	deranleg	Signs shall be posted on each TLVST to indicate contents are freshwater and that no E&P waste fluids are allowed. Location and additional signage shall conform to Rule 210.	12/23/2013
OGLA	deranleg	Should a failure of TLVST integrity occur, operator shall notify COGCC upon discovery, report the incident to COGCC on a Form 22-Accident Report within 10 days, and shall conduct a root cause analysis and provide it to the COGCC on a Form 4-Sundry Notice within 30 days of the failure.	12/23/2013
OGLA	deranleg	Operator shall be onsite and inspect for leaks during the initial filling of TLVST. If leaks are observed, filling shall cease and the leaks be repaired and the integrity of the tank evaluated.	12/23/2013
OGLA	deranleg	Once in operation, TLVST shall be inspected daily and any deficiencies repaired as soon as practicable.	12/23/2013
OGLA	deranleg	Operator shall develop a Contingency Plan for any LVST leak or catastrophic failure of the tank integrity and resulting loss of fluid. The plan should include a notification process to the COGCC and local Emergency authority (municipality, county or both) for any failure and resulting loss of fluid.	12/23/2013
OGLA	deranleg	TLVSTs may only be utilized for the storage of freshwater. E&P wastes, including produced water, treated E&P wastes, and flowback from hydraulic fracturing operations, are not allowed.	12/23/2013
OGLA	deranleg	TLVSTs shall not be located on non-engineered fill material. Subgrade preparation shall be verified by proof-rolling prior to installation of TLVST.	12/23/2013

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	Operator will comply with COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area dated May 29, 2012.

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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S/AV: _____ 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: 435649 Type: WELL API Number: 123-38705 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: BRADENHEAD EXPOSED TO SURFACE

CA: _____

CA Date: _____

Facility ID: 435650 Type: WELL API Number: 123-38706 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: **BRADENHEAD EXPOSED TO SURFACE**

CA:

CA Date:

Facility ID: 435651 Type: WELL API Number: 123-38707 Status: PR Insp. Status: PR

Producing Well

Comment: **PR**

BradenHead

Comment: **BRADENHEAD EXPOSED TO SURFACE**

CA:

CA Date:

Facility ID: 435652 Type: WELL API Number: 123-38708 Status: PR Insp. Status: PR

Producing Well

Comment: **PR**

BradenHead

Comment: **BRADENHEAD EXPOSED 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:

DWR Receipt Num: Owner Name: GPS: Lat Long

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: IMPROVED PASTURE, 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 _____
 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: IMPROVED PASTURE, 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: _____

Inspector Name: Rains, Bill

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	Gravel	Pass	MHSP	Pass	
Seeding	Pass					
Mulching	Pass					
Waddles	Pass					

S/A/V: SATISFACTOR Corrective Date: _____
Y _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT