

**FORM
INSP**

Rev
X/15

**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:

08/18/2017

Submitted Date:

08/18/2017

Document Number:

684904069

FIELD INSPECTION FORM

Loc ID 331350 Inspector Name: Pesicka, Conor On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

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

Findings:

- 19 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Leonard, Mike		mike.leonard@state.co.us	
,		EHSRC@bonanzacrk.com	All Inspections
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
,		dnr_cogccengineering@state.co.us	For CA Matrix inspection routing

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
430054	WELL	PR	12/15/2012	OW	123-36024	North Platte J-F-28HZ	PR
430055	WELL	PR	09/10/2013	OW	123-36025	North Platte E-A-28HC	PR
447635	TANK BATTERY	AC	09/08/2016		-	Peterson 14-28 TB	AC

General Comment:

Location

Overall Good:

Signs/Marker:

Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	methanol, engine oil, coolant		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date: _____

Overall Good:

Spills:

Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

Fencing/:

Type	WELLHEAD		
Comment:	agricultural *2		
Corrective Action:		Date:	

Equipment:

Type			corrective date
Type: Plunger Lift	# 2		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	NIU: 1-2" at separator, 2-1" at compressor		
Corrective Action:		Date:	
Type: Ancillary equipment	# 2		
Comment:	containers- 1 engine oil, 1 coolant		
Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 2		

Comment:			
Corrective Action:			Date:
Type: Ancillary equipment	# 4		
Comment:	pumps- 4 methanol		
Corrective Action:			Date:
Type: Bird Protectors	# 6		
Comment:			
Corrective Action:			Date:
Type: Vertical Separator	# 1		
Comment:	sand trap		
Corrective Action:			Date:
Type: Gas Meter Run	# 3		
Comment:	2 sales at Peterson pad; 1 lift		
Corrective Action:			Date:
Type: Ancillary equipment	# 1		
Comment:	solar & telemetry		
Corrective Action:			Date:
Type: Compressor	# 1		
Comment:	Stained soil at compressor		
Corrective Action:	Remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.		Date: 09/18/2017
Type: Ancillary equipment	# 1		
Comment:	gas skid		
Corrective Action:			Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	<100 BBLS	PBV CONCRETE		40.364870,-104.448540
Comment:					
Corrective Action:					Date:

Paint

Condition	Adequate	
Other (Content)		
Other (Capacity)	60bbl	
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:	Shared with crude oil			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS	
PRODUCED WATER	2	300 BBLs	STEEL AST		40.364870,-104.448540	
Comment:						
Corrective Action:						Date:
Paint						
Condition	Adequate					
Other (Content)						
Other (Capacity)						
Other (Type)						
Berms						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Comment:		Shared with crude oil				
Corrective Action:						Date:
Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	6	400 BBLs	STEEL AST		40.364870,-104.448540	
Comment:		Stained soil at loadout valves				
Corrective Action:		Remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.				Date: 09/18/2017
Paint						
Condition	Adequate					
Other (Content)						
Other (Capacity)						
Other (Type)						
Berms						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						
Corrective Action:						Date:
Venting:						
Yes/No	NO					
Comment:						
Corrective Action:						Date:
Flaring:						
Type						
Comment:						
Corrective Action:						Date:

Inspected Facilities			
Facility ID: <u>430054</u>	Type: <u>WELL</u>	API Number: <u>123-36024</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
BradenHead			
Comment: <u>Bradenhead plumbed to surface</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>430055</u>	Type: <u>WELL</u>	API Number: <u>123-36025</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
BradenHead			
Comment: <u>Bradenhead plumbed to surface</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>447635</u>	Type: <u>TANK</u>	API Number: <u>-</u>	Status: <u>AC</u> Insp. Status: <u>AC</u>

Environmental

Spill/Remediation:

Comment:

Corrective Action: Date:

Emission Control Burner (ECB): YES

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: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

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

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

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 _____

1003e. INTERIM VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment

Corrective Action

Date _____

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 _____

1004.d. FINAL VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

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	Gravel	Pass			

Comment:

Corrective Action:

Date: _____

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
401381061	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4232018
684904070	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4232003