

**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:
01/26/2017
Submitted Date:
02/03/2017
Document Number:
682401747

FIELD INSPECTION FORM

Loc ID 159489 Inspector Name: Binschus, Chris 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:

- 8 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
,		EHSRC@bonanzacrk.com	All inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
440780	WELL	PR	08/01/2015	OW	123-41116	State Crow Valley 41-21-20XRLNB	RI

General Comment:

[This is an interim reclamation and stormwater inspection.](#)

Location

Overall Good:

Signs/Marker:			
Type	BATTERY		
Comment:	Operator sign at entrance of location references API 05-123-4117 which is an expired permit number and the quarter quarter description is not correct. Appears sufficient information is provided in case of an emergency.		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date: _____

Overall Good:

Spills:				
Type	Area	Volume		

In Containment: No _____

Comment:

Multiple Spills and Releases?

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type			
Comment:			
Corrective Action:		Date:	

Inspected Facilities

Facility ID: 440780 Type: WELL API Number: 123-41116 Status: PR Insp. Status: RI

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 In Process

Comment [Total production area of 3.21 acres was mapped using a Trimble Juno 3B handheld device.](#)

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? In 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? In
 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 Location ID 159489 for the following API 123-41116 has evidence of reclamation activities but mulch does not appear to be sufficiently crimped. Mulch was observed throughout the perimeter of the disturbance area. May need to monitor interim areas to ensure areas are protected from erosion.

Corrective Action Date

Overall Interim Reclamation In Process

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
Sediment Traps	Fail					
Berms	Fail					Western berm and portions of southern berm

Comment: Ditch and berm BMP installed along the southern and northern perimeter of location. Berm and retention area BMP installed along the western location. Berms not consistently compacted along portions of the southern and western location to prevent additional sediment pollution. Sediment was observed outside of containment area beyond the wattles with both sediment traps. BMPs should remain in place and in proper functioning condition until the pad reaches final reclamation.

Corrective Action: Repair and maintain the described berm and sediment trap BMPs to prevent sediment pollution per Rule 1002.f. by 3/3/2017.

Date: 03/03/2017

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Refer to attached inspection photos in Document #682401748.	binschusc	02/03/2017

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
682401748	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4068312