

**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:

01/12/2018

Submitted Date:

01/19/2018

Document Number:

682403207**FIELD INSPECTION FORM**Loc ID 438730 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 8960Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANYAddress: 410 17TH STREET SUITE #1400City: DENVER State: CO Zip: 80202**Status Summary:**

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

Findings:

- 4 Number of Comments
- 3 Number of Corrective Actions
- ☒ Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
,		EHSRC@bonanzacrk.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
438729	WELL	PR	06/22/2015	OW	123-40108	State Pronghorn U-32-31MRLNB	RI
443718	WELL	PR	03/02/2016	OW	123-42350	State Pronghorn 42-32-31MRLNB	RI
443719	WELL	PR	02/01/2016	OW	123-42351	State Pronghorn W-32-31MRLNB	RI
443720	WELL	PR	11/15/2015	OW	123-42352	State Pronghorn 41-32-31MRLNB	RI
443721	WELL	PR	02/20/2016	OW	123-42353	State Pronghorn V-32-31MRLNB	RI

General Comment:

This is an Interim Reclamation and Stormwater Inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.

LocationOverall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Operator has failed to control and manage Russian thistle, a weedy annual tumbleweed, to prevent weed debris and to prevent dispersing seeds onto adjacent lands. This is a short corrective action date since Russian thistle is already dried out and susceptible to breaking off from the main stem. Refer to the attached inspection photos for more detail.		
Corrective Action:	Comply with Rule 603.f. to control and manage weedy, annual vegetation to prevent weed debris and to prevent dispersing seeds onto adjacent lands.		Date: 02/02/2018

Overall Good: ☐**Spills:**

Type	Area	Volume		
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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: <u>438729</u>	Type: <u>WELL</u>	API Number: <u>123-40108</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>443718</u>	Type: <u>WELL</u>	API Number: <u>123-42350</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>443719</u>	Type: <u>WELL</u>	API Number: <u>123-42351</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>443720</u>	Type: <u>WELL</u>	API Number: <u>123-42352</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>443721</u>	Type: <u>WELL</u>	API Number: <u>123-42353</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

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? _____

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? Fail 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 Fail

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

This location is not in compliance with Rule 1003 standards. Operator has unmanaged Russian thistle (*Salsola tragus*-tumbleweed) throughout the perimeter and interim areas, which is considered, weed debris. Interim reclamation areas are not reflective of reference area vegetative levels. Reference area species include, but not limited to, Prairie sandreed (*Calamovilfa longifolia*), sand dropseed (*Sporobolus cryptandrus*) and blue grama (*Bouteloua gracilis*). Current interim vegetation consist mostly of Russian thistle.

Corrective Action

Perform reclamation in accordance to Rule 1003. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until the location meets Rule 1003 standards. Interim reclamation activities shall be completed by April 30, 2018.

Date 04/30/2018

Overall Interim Reclamation Fail

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					

Comment: Eastern sediment trap in need of maintenance due to sediment accumulation inside the sediment trap. Stormwater BMPs shall be maintained at all times until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004.

Corrective Action: Install or repair required BMPs per Rule 1002.f.

Date: 02/16/2018

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
682403214	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4356347