

**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:

04/12/2017

Submitted Date:

04/13/2017

Document Number:

682401997**FIELD INSPECTION FORM**Loc ID 336360 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10633Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLCAddress: 1801 CALIFORNIA STREET #2500City: DENVER State: CO Zip: 80202**Status Summary:**

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

Findings:9 Number of Comments1 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
,		cogcc.inspections@crestonepr.com	ALL INSPECTIONS

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
286686	WELL	PR	09/05/2007	OW	013-06536	ALLAN H UNIT 23-12	RI
291372	WELL	PR	07/11/2007	OW	013-06556	ALLAN H UNIT 24-12	RI
291373	WELL	PR	06/02/2008	GW	013-06555	BAILEY 33-12	RI

General Comment:

This is a follow up interim reclamation inspection to FIR Document #682401132. Corrective actions will be shorter than normal because of the spring seeding window nearing. If the Operator can perform the reclamation work sooner, that would be recommended. See COGCC comments for additional information.

Inspected Facilities			
Facility ID: 286686	Type: WELL	API Number: 013-06536	Status: PR Insp. Status: RI
Producing Well			
Comment:	PR, interim reclamation inspection		
Corrective Action:		Date:	
Facility ID: 291372	Type: WELL	API Number: 013-06556	Status: PR Insp. Status: RI
Producing Well			
Comment:	PR, interim reclamation inspection		
Corrective Action:		Date:	
Facility ID: 291373	Type: WELL	API Number: 013-06555	Status: PR Insp. Status: RI
Producing Well			
Comment:	PR, interim reclamation inspection		
Corrective Action:		Date:	

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

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? Fail
- Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

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

COGCC staff performed another germination assessment using the same three transect locations and bearings used in the 2016 germination assessment. In 2016, a total of 67 seedlings were counted by COGCC staff. During this inspection on April 12, 2017, a total of 12 individuals were counted. COGCC staff recommends a soil assessment because portions of the interim area were sprayed with an herbicide. Much of the interim areas had no germination and only portions along the northern, northwestern, and southern location had germination but it is not uniform plant growth.

Corrective Action

Reseed the interim area and perform reclamation activities by 5/15/17 or sooner if possible. COGCC staff recommends using the attached seed mix and seeding rate that was developed and used last year.

Date 05/15/2017Overall Interim Reclamation Fail**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

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
Mulching	Pass					

Comment: Corrective Action:

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
The Operator completed interim reclamation activities on June 10, 2016 following a corrective action inspection related to a complaint. COGCC staff performed a follow up interim reclamation inspection on August 4, 2016 to perform a germination assessment. A total of 67 seedlings were counted during the assessment- see the attached photo document for methods and details. COGCC staff issued a corrective action to monitor the location until the end of September 2016 and provide a monitoring report. The Operator informed COGCC staff that an herbicide was applied twice to an undesirable plant species, bindweed, that was growing throughout much of the interim area. It was decided that an assessment would be performed Spring 2017 to evaluate the reclamation work.	binschusc	04/13/2017
Refer to the attached inspection photos in Document #682401998.	binschusc	04/13/2017

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

Document Num	Description	URL
401259397	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4124033
401259416	Seed mix	City of Erie COGCC recommended Seed Mixture.pdf
682401998	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4124032