

**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: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10633
Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC
Address: 1801 CALIFORNIA STREET #2500
City: DENVER State: CO Zip: 80202

Findings:

- 9 Number of Comments
- 1 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 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 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 05/15/2017

Overall 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 Documents

You 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 recomended Seed Mixture.pdf |
| 682401998 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4124032 |