

**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:

05/06/2019

Submitted Date:

05/08/2019

Document Number:

696200007

**FIELD INSPECTION FORM**

Loc ID 456610 Inspector Name: Trujillo, Aaron 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: 35080  
Name of Operator: GRAND MESA OPERATING CO  
Address: 1700 N. WATERFRONT PKWY BL 600  
City: WICHITA State: KS Zip: 67206

**Findings:**

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

**ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE**

**Contact Information:**

| Contact Name | Phone | Email              | Comment |
|--------------|-------|--------------------|---------|
|              |       | mreilly@gmocks.com |         |

**Inspected Facilities:**

| Facility ID | Type     | Status | Status Date | Well Class | API Num   | Facility Name | Insp Status |
|-------------|----------|--------|-------------|------------|-----------|---------------|-------------|
| 456610      | LOCATION | AC     |             |            | -         | BETTY 1-15    | RI          |
| 456611      | WELL     | PR     | 10/01/2018  | OW         | 073-06750 | BETTY 1-15    | RI          |

**General Comment:**

This is an interim reclamation and stormwater inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

**Inspected Facilities**

Facility ID: 456610 Type: LOCATION API Number: - Status: AC Insp. Status: RI

Facility ID: 456611 Type: WELL API Number: 073-06750 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 \_\_\_\_\_

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? \_\_\_\_\_ 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 SEE "COGCC COMMENTS" FOR COMMENTS REGARDING INTERIM RECLAMATION.

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

| <b>Storm Water:</b>   |                 |                         |                       |               |                          |   |
|---|-----------------|-------------------------|-----------------------|---------------|--------------------------|---|
| Loc Erosion BMPs  | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment                                     |
|   | Fail            |                         |                       |               |                          | Insufficient BMPs on south end of location. |
| Waddles   | Pass            |                         |                       |               |                          |   |
| Berms   | Pass            |                         |                       |               |                          |   |
| Slope Roughening  | Pass            |                         |                       |               |                          | ripping @ perimeter                         |
| <p><b>Comment:</b> Insufficient perimeter stormwater controls on the south end of the location; Erosion degradation evident at the cut slopes. See photos 1-3. Erosion degradation evident on the soil stockpiles on the west end of the locaiton, sediment transport appears to be being caught by the surface roughening. Erosion degradation on soil stockpiles will likely be addressed by interim reclamation and the replacement of soil horizons on the location. Remaining perimeter controls appear to be in proper functioning condition.</p> |                 |                         |                       |               |                          | Date: 06/08/2019                            |
| <p><b>Corrective Action:</b> Install or repair required BMPs per Rule 1002.f.</p>   |                 |                         |                       |               |                          |   |
| <p><b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>   |                 |                         |                       |               |                          |   |

| <b>COGCC Comments</b>  |            |            |
|--|------------|------------|
| Comment  | User       | Date       |
| <p><b>INTERIM RECLAMATION COMMENT</b></p> <p>COGCC Rule 1003.b requires “all disturbed areas affected by drilling or subsequent operations, except areas reasonably needed for production operations or for subsequent drilling operations to be commenced within twelve (12) months, shall be reclaimed as early and as nearly as practicable to their original condition or their final land use... Interim reclamation shall occur no later than... six (6) months on non-crop land after such operations...”</p> <p>Well file records show date of first production to be 10/16/2018; interim reclamation should occur by 5/16/2018.</p> <p>Currently no interim reclamation activities appear to have been conducted; drilling pit remains open, soil horizons have not been replaced and areas not needed for production on the location have not been reduced.</p> <p>It is the COGCC’s expectations that interim reclamation will be conducted in accordance with 1003 rules. A follow-up inspection will be conducted to determine compliance with rules.</p> | trujilloam | 05/08/2019 |

**Attached Documents**

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

| Document Num | Description       | URL   |
|--------------|-------------------|---|
| 696200008    | Inspection Photos | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4818338">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4818338</a> |