

**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:
08/21/2018

Submitted Date:
08/23/2018

Document Number:
682503769

FIELD INSPECTION FORM

Loc ID 455191 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:

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

Contact Information:

| Contact Name | Phone | Email | Comment |
|--------------|-------|----------------------------|---------|
| | | melissa.housey@state.co.us | |
| | | preilly@gmocks.com | |
| | | mreilly@gmocks.com | |
| | | pbrewer@gmocks.com | |

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.

Location

Overall Good:

Signs/Marker:

| | | | |
|--------------------|--|-------|--|
| Type | WELLHEAD | | |
| Comment: | Well currently active and appears to be in production. A permanent sign shall be located at the wellhead within sixty (60) days after the completion of a well in accordance to COGCC Rule 210.b | | |
| Corrective Action: | | Date: | |

Emergency Contact Number:

| | | | |
|--------------------|----------------------|-------|----------------------|
| Comment: | <input type="text"/> | Date: | <input type="text"/> |
| Corrective Action: | <input type="text"/> | | |

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: | |

Location Construction

Location ID: 455191 CDP: _____

Comment: 2A doc. #401589228 states size of disturbance area during construction will be 2.5 acres in size. GPS measurements were conducted indicating that the disturbance area is 4.26 acres in size. It appears location has been constructed in exceedance of the permitted disturbance area per the 2A.

Corrective Action: _____ **Date:** _____

Form 2A COAs:

Comment: _____

Corrective Action: _____ **Date:** _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____ **Date:** _____

Comment: _____

Corrective Action: _____ **Date:** _____

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: DRY LAND

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 Evidence of initial interim reclamation work being conducted. Inspection #688302347 dated 8/9/2018 shows well status as "Producing". Since this is the only document on record showing well in production, this is the date used to determine when interim reclamation will need to be conducted by. COGCC rule 1003.b requires interim reclamation on areas no longer reasonable needed for production needs to occur no later than three (3) months on crop land. Interim reclamation of the location will need to be conducted in accordance with COGCC 1000 series reclamation rules and standards by 11/9/2018.

Corrective Action Date _____

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

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

Final Land Use: DRY LAND _____

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|-----------------------------|
| Berms | Fail | | | | | |
| Slope Roughening | Fail | | | | | |
| Retention Ponds | Fail | | | | | Trap, south end of location |

Comment:

Corrective Action:

Date:

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

| Comment | User | Date |
|--|------------|------------|
| <p>STORMWATER</p> <p>It appears as though berms have been constructed utilizing topsoil. Topsoil should not be used as stormwater berms due to berms requiring compaction in accordance with good engineering practices, which would damage/alter the soil structure of the topsoil; Berms have not been constructed in accordance with good engineering practices; berms appear to have been "tracked" rather than being sufficiently compacted, and is considered a sediment source; erosion degradation evident along berms. Operator has implemented insufficient surface roughening along the perimeter of the location. Surface roughening appears inadequate and is not being used in conjunction with other BMPs on the southeastern areas of the location. Operator appears to have implemented a sediment trap, or retention pond on the southern end of the location. BMP does not appear to be appropriate in size to mitigate runoff from the 4.26 acre location. Trap/pond missing sufficient inlet and outlet protection and does not appear to be designed in such a manner to allow for sediment-laden free stormwater discharge from the location; BMP does not appear to have been constructed in accordance with good engineering practice.</p> | trujilloam | 08/23/2018 |

Attached Documents

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

| Document Num | Description | URL |
|--------------|-------------------|---|
| 682503770 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4559917 |