

**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: _____**Operator Information:**OGCC Operator Number: 35080Name of Operator: GRAND MESA OPERATING COAddress: 1700 N. WATERFRONT PKWY BL 600City: WICHITA State: KS Zip: 67206**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**7 Number of Comments1 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.

LocationOverall 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:		Date: _____
Corrective Action:		

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:

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 REVEGETATIONCropland

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 <input type="checkbox"/>		Multi-Well Location <input type="checkbox"/>		
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:	SEE COGCC COMMENTS FOR COMMENTS REGARDING STORMWATER.					
Corrective Action:	Install or repair required BMPs per Rule 1002.f.					Date: 09/24/2018
Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT						

COGCC Comments		
Comment	User	Date
STORMWATER 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.	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