

**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:

05/02/2017

Submitted Date:

05/10/2017

Document Number:

682501959

FIELD INSPECTION FORM

Loc ID 313925 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: 10548
Name of Operator: HRM RESOURCES II LLC
Address: 410 17TH STREET #1600
City: DENVER State: CO Zip: 80202

Findings:

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

Contact Information:

Contact Name	Phone	Email	Comment
		tpape@hrmres.com	
Prohaska, April	303-893-6621	aprohaska@hrmres.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
227270	WELL	PA	04/15/2016	GW	087-08013	ALISSA 1	RI

General Comment:

This is a follow up inspection to Inspection Report Doc. #682500705, and #682501380. Inspection is also in response for formal complaint doc. #200441355 submitted by the surface owner. Reclamation specialist contacted Surface Owner via telephone on 5/2/2017. Surface owner had conveyed concerns regarding the reclamation of the access road (that gravel had not been removed and road had not been recontoured to that of the adjacent lands) and a cattle guard has not been removed at access road entrance. Surface owner had also re-expressed concerns regarding additional off-road disturbances caused by the operator, and potential future concerns due to reclamation and monitoring activities. These concerns were originally documented and addressed in inspection doc. #682500705, see report for additional details. Any corrective actions from previous inspections that have not been addressed are still applicable.

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

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:

Inspected Facilities

Facility ID: 227270 Type: WELL API Number: 087-08013 Status: PA Insp. Status: RI

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? _____ 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

Corrective Action

Date _____

Overall Interim Reclamation

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 **Fail** Contoured **Fail** Culverts removed _____

Gravel removed **Fail**

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured **Fail**

Compaction alleviation **Fail** Dust and erosion control **Fail**

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:

	<p>Inspection Doc. #682500705 stated, and Inspection Doc. #682501380 required operator to perform reclamation including the removal of gravel and compaction alleviation on location and access road. Gravel removal, compaction alleviation and seeding appears to have been conducted on pad location, however gravel and compaction remains evident along access road. See photos 3-8 in the attached photo document. Inspection Doc. #682501380 also required erosion controls to be implemented to stabilize the seeded soil. It does not appear erosion controls to stabilize the soil have been implemented. Cattle guard equipment remains at access road and needs to be removed/reclaimed.</p>	
Corrective Action:	<p>Perform reclamation in accordance to COGCC 1000 series reclamation rules. Original corrective action and corrective action date remains in place. Remove gravel and perform compaction alleviation, re-grade/re-contour access road to that of the adjacent reference areas. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture that matches the adjacent pastureland or a seed mixture requested by the landowner. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until Final Reclamation has passed. Revegetation activities shall be complete no later than 11/15/2016.</p>	Date <u>11/15/2016</u>
Overall Final Reclamation	Fail	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

Comment: Inspection Doc. #682500705 and Inspection Doc. #682501380 documented erosion concerns on the west end of the location and required operator to "Repair and stabilize erosion during reclamation activities. Properly select, install and maintain site specific stormwater and sediment control BMPs to prevent further degradation to the location. BMPs will need to be monitored and maintained until final reclamation has passed". Erosion has been repaired, however it does not appear as though BMPs have been implemented to stabilize the soil and slope. See attached photo document. Continue to perform stormwater management and maintenance until final reclamation passes. Advise implementing stormwater and sediment control BMPs to mitigate future concern

Corrective Action: Date: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments		
Comment	User	Date
Any additional surface disturbances due to operator's reclamation activities will need to be reclaimed.	trujilloam	05/08/2017
Inspection Doc. #682501380 in response to formal complaint #200440367 required operator to manage weeds on location, specifically Trivulus terrestris. Email correspondence with Mr. Terry Pape indicated that "HRM had the location scraped for goat head's"; Unable to find this plant species on location. Continue to monitor and manage weeds on this site until Final Reclamation has passed.	trujilloam	05/08/2017
Ruts remain evident within area of disturbance where operator had traveled off the road to the north of the location. Vegetation in this area is predominantly blue grama and buffalo grass. Vegetation does not appear to have died off but will need to be monitored. Inspection Doc. #682500705 and inspection doc. #62501380 required operator to "Collaborate with the landowner to determine mitigating measures regarding surface disturbances outside of access road/location boundary during reclamation. Provide the surface owner/operator agreement and schedule regarding the off location disturbances attached to a Form 4 by CA date of 5/15/2016". Inspector has yet to receive schedule via Form 4, email correspondence had been previously submitted to HRM inquiring about the status of this form 4, however no response has been received. This corrective action and corrective action date is still applicable.	trujilloam	05/08/2017
Email correspondence with Mr. Terry Pape 5/2/2017 indicated that all gravel had been removed prior to seeding.	trujilloam	05/10/2017

Attached Documents

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

Document Num	Description	URL
682501960	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4143792
682501962	Ruts from Off site disturbance	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4143793