

**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:

10/10/2017

Submitted Date:

10/10/2017

Document Number:

682502647

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:

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

Contact Information:

Contact Name	Phone	Email	Comment
		gpayne@hrmres.com	
		tpape@hrmres.com	
Adamczyk, Megan		megan.adamczyk@state.co.us	
Arthur, Denise		denise.arthur@state.co.us	

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 final reclamation inspection to inspection #682500705, #682501380, #682501959 and #675103907. This is also an inspection in response to complaint #200444116 submitted on 10/08/2017 by the Surface Owner. In the document, the complainant indicated that no work has been done since May regarding reclamation. At approximately 09:50 on 10/10/2017, Reclamation Specialist Trujillo contacted the complainant via the phone. Though the complainant had re-expressed concerns regarding the reclamation of the location and access road on his property, he stated that after submitting the complaint on the 8th, he had visited his property on the 9th and that it appears work had began as the cattle guard had been removed. Previous inspections had required HRM to perform reclamation per COGCC 1000 series rules. See the reclamation portion of this inspection for additional details. Any corrective actions from previous inspections that have not been addressed are still applicable.

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 In Contoured In Culverts removed _____

Gravel removed In

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured In

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

Non cropland: Revegetated 80% **Fail** 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 **11/15/2016**

Perform reclamation in accordance to COGCC 1000 series reclamation rules. 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.

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

Comment:

Corrective Action:

Date: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Contractor indicated once disturbed areas have been reseeded, the location and access road will be fenced.	trujilloam	10/10/2017
COGCC Reclamation Rule 1003.c requires that "All areas compacted by drilling and subsequent oil and gas operations which are no longer needed following completion of such operations shall be cross-ripped", and that "Ripping shall be undertaken to a depth of eighteen (18) inches..."	trujilloam	10/10/2017
RECLAMATION COMMENT Inspection doc. #675103907, as well as other prior reclamation inspections, required operator to perform reclamation in accordance to COGCC 1000 series reclamation rules including, but not limited to, the removal of gravel and cattle guard equipment, the performing of compaction alleviation, and re-contouring/re-grading the access road to that of the adjacent reference areas. Cattle guard and gravel appear to have been removed. A contractor performing the work for the operator was on site at time of inspection and was in the process of bringing additional topsoil for the access road. After conversations with the contractor, it was indicated that compaction alleviation (cross ripping) to the required depth of 18 inches, and reseeding had not yet been conducted, and that though the reseeding of the location is planned, there was no schedule to perform the compaction alleviation. Original corrective action and corrective action date will remain applicable until all reclamation work and activities have been conducted in accordance to COGCC 1000 series reclamation rules and requirements.	trujilloam	10/10/2017

Attached Documents

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

Document Num	Description	URL
401425469	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4271174
682502648	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4271172