

**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:

09/27/2016

Submitted Date:

09/30/2016

Document Number:

682501380**FIELD INSPECTION FORM**
 Loc ID 313925 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:
Operator Information:OGCC Operator Number: 10548Name of Operator: HRM RESOURCES II LLCAddress: 410 17TH STREET #1600City: DENVER State: CO Zip: 80202**Status Summary:**

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:8 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

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

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
227270	WELL	PR	02/14/2007	GW	087-08013	ALISSA 1	RI

General Comment:

This is a follow up inspection to Inspection Report Doc. #682500705 and to Formal Complaint Doc. 200440367. Inspector contacted surface owner (Marty Schmidt) at approximately 10:59 am on 9/27/2016. Mr. Schmidt conveyed concerns regarding weeds that have become established and erosion degradation occurring on the location. Any corrective actions from previous inspections that have not been addressed are still applicable.

LocationOverall 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:

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 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 _____

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 _____ In _____ Locations, facilities, roads, recontoured _____ In _____

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

Non cropland: Revegetated 80% _____ In _____ Cropland: perennial forage _____

Weeds present **Fail** _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: **Gravel remains on location and access road and will need to be removed. Location and access road requires compaction alleviation to a depth of 18 inches per reclamation regulations and seeding. It appears First favorable revegetation season may have been Spring of 2016. Second favorable revegetation November 2016. Removal and disposal of gravel is highly advantageous as it will remove any mature puncturevine seed on location. See "COGCC Comments" for additional CAs and CA dates.**

Corrective Action:	Remove gravel and continue reclamation activities per reclamation requirements. 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	Date <u>11/15/2016</u>
Overall Final Reclamation <input type="checkbox"/> In Process <input type="checkbox"/> 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
Comment: Surface owner had conveyed concerns regarding erosion occurring on location. Inspection Doc. #682500705 documented erosion on the west end of the location and stated that operator needs to monitor and maintain site specific erosion controls. Erosion on location has progressed; it does not appear as though BMPs had been implemented to mitigate further degradation due to erosion on this location. See figures 5-7 in the attached photo document.		
Corrective Action: 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.		
		Date: <u>11/15/2016</u>
Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT		

COGCC Comments

Comment	User	Date
COMMENT: Surface owner had conveyed concerns regarding undesirable weedy vegetation that have become established on the location. Surface owner also expressed concerns of weeds potentially encroaching off of the location and onto his lands. Upon inspection, inspector documented that Tribulus terrestris (Puncturevine) has become established within large areas of the location. Tribulus terrestris was only documented within the location; inspector was unable to locate the weed within reference area. This species is a Colorado State noxious weed with seed that remains viable for up to 5 years, and can compete with desirable native vegetation and hinder reclamation.	trujilloam	09/30/2016
CORRECTIVE ACTION: Manage undesirable weedy vegetation, including noxious weeds from the location prior to any additional surface disturbing activities for reclamation, or by 10/30/2016, whichever comes first. Monitor and manage weeds on this site until Final Reclamation has passed.		
Contacted Mr. Terry Pape via email (9/28/2016) regarding the "reclamation status of this location, i.e. what work has been done, when work was completed, what work is still required and the time frame in which this work is scheduled". Mr. Pape responded with "The work is scheduled for this fall. We were going to try to complete the work last spring. But the weather prevented it. We will be ripping and seeding with in the next few weeks". Inspector is using this conversation to facilitate determination of CA dates.	trujilloam	09/29/2016
Inspection Doc. #682500705 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. This CA and CA date is still applicable.	trujilloam	09/29/2016

Attached Documents

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

Document Num	Description	URL
682501380	INSPECTION APPROVED	http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3965432

682501381	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3965430
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