

**FORM  
INSP**Rev  
X/20**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:

10/05/2023

Submitted Date:

10/12/2023

Document Number:

708200602

**FIELD INSPECTION FORM**Loc ID 312324 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 10032

Name of Operator: H &amp; M PETROLEUM CORPORATION

Address: PO BOX 467

City: SIDNEY State: NE Zip: 69162

**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**

14 Number of Comments

12 Number of Corrective Actions

☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Waggoner, Kyle		kyle.waggoner@state.co.us	
SHANOR, DICK		dick.shanor@gmail.com	Principal Agent
Heibel, Krystal		krystal.heibel@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
277880	WELL	PR	05/01/2020	OW	075-09345	HIGHBALL 1	RI
312324	LOCATION	AC			-	HIGHBALL-612N55W 25SWSE	RI

**General Comment:**

This is an Interim Reclamation and Stormwater Inspection for Location ID (312324).

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Emergency contact number not legible at tank battery signage.

Corrective Action: Comply with Rule 605.g and update emergency contact number. The location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

**Good Housekeeping:**

Type: UNUSED EQUIPMENT

Comment: Pump jack weights and tires observed being stored within the pit area.

Corrective Action: Comply with Rule 606 and remove any unused equipment. The location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Type: OTHER

Comment: Stained soil observed on the northern portion of the location near topsoil stockpile, unknown fluid sheen on northwest corner of pump jack shed, and under pump jack unit itself. Refer to attached inspection photos for examples.

Corrective Action: Properly dispose of oily waste in accordance with 905.e. Location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Type: TRASH

Comment: Trash was observed throughout the location. Refer to attached inspection photos.

Corrective Action: Comply with Rule 606. The location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Overall Good: ☐**Spills:**

Type: Area Volume

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Equipment:**

corrective date

Type: Other

#

Comment: Audible and visual leak observed at wellhead hammer union/stuffing box. ECMS Staff informed onsite pumper (Stan w/H&amp;M) while in the field 10/05/2023. Pumper explained to Staff that leak would be taken care of ASAP. Refer to attached inspection photo.

Corrective Action: Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 608.e. Location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Type: Other

#

Comment: Secondary containment is inadequate to contain 150% of the volume of the largest tank. Additionally, drum is not upright within secondary containment.

Corrective Action: Repair or install berms or other secondary containment devices per Rule 603.o. Location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Type: Other

#

Comment: No wildlife protection equipment (e.g. netting) observed around secondary containment with drums. Refer to attached inspection photos.

Corrective Action: Install or repair wildlife protection equipment in accordance with Rule 902.b. Location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Type: Other

#

Comment: Drums do not have adequate labels/placards. Refer to attached inspection photos.

Corrective Action:	Install sign to comply with Rule 605.h. Location will remain out of compliance until the corrective action has been resolved.	Date:	10/05/2023
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<b>Venting:</b>			
Yes/No			
Comment:			
Corrective Action:		Date:	

<b>Flaring:</b>			
Type			
Comment:			
Corrective Action:		Date:	

Inspected Facilities									
Facility ID:	277880	Type:	WELL	API Number:	075-09345	Status:	PR	Insp. Status:	RI
Facility ID:	312324	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	RI

**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

Comment: During this inspection, Staff observed an apparent E&P waste soaked fence post near the pump jack unit, with additional staining around the wellhead. Staff discovered impacted material/E&P waste with a chemical odor, buried underneath recent roadbase material (approximately 2" bsg). The full extent of impacted material could not be determined in the field during this inspection. Refer to attached inspection photos for documentation.

Corrective Action: Report spill or release of E&P waste or produced fluids. Remove free fluids and contact ECMC EPS staff (Krystal Heibel) per Rule 912.b. 24 hours to remove free fluids. 24 hours for notification to NE EPS staff and 72 hours for Initial Form 19 Report.

Date: 10/15/2023

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well Complaint:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_ Comment: \_\_\_\_\_

**Waste Management:**

Type	Management	Condition	GPS (Lat)	(Long)
Oily Soil	Pits	Inadequate		
Comment	Hydrocarbons observed on pit. Review and modify facility operations to ensure no oil or condensate accumulate within pit.			
Corrective Action	Remove oil from pit per Rule 909.e. Location will remain out of compliance until the corrective action has been resolved.			Date: 10/05/2023

**Spill/Remediation:**

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**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? Fail Production areas stabilized ? Fail
- 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 Fail

## 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? F

Comment This location does not comply with with Rule 1003. Evidence of Colorado List C Noxious Weed- Field Bindweed- was observed within the southern portion of the location/access road. Additionally, there are portions of the interim areas that do not have uniform vegetative cover, resulting in areas of bare/exposed soils. The topsoil stockpile does not have long term stabilization BMPs; annual forb (sunflower) and undesirable vegetation (japanese brome, russian thistle) was observed to be growing on the stockpile. Additional reclamation activities are required. Refer to attached inspection photos.

Corrective Action Comply with Rule 1003. Location will remain out of compliance until the corrective action has been resolved.

Date 10/05/2023

Overall Interim Reclamation Fail

**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 \_\_\_\_\_ 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:	<div></div>	
Corrective Action:	<div></div>	Date <div></div>
Overall Final Reclamation <div></div>	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: This location does not comply with Rule 1002.f. During this inspection, Staff observed that rill and gully erosion degradation is occurring on the access road south of the location. The access road does not appear to be properly stabilized with evidence of sediment transport and no apparent stormwater control measures/BMPs observed. Additional erosion degradation is occurring within the pit berms. Refer to attached inspection photos.

Corrective Action: Comply with Rule 1002.f. Location will remain out of compliance until the corrective action has been resolved.

Date: 10/05/2023

Pits: ☐ NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
708200611	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6283269">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6283269</a>