

FORM  
INSPRev  
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 & 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<br>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 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

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

Overall Good:

**Spills:**

| Type | Area | Volume |  |  |  |
|------|------|--------|--|--|--|
|      |      |        |  |  |  |

In Containment: No

Comment:

Multiple Spills and Releases?

**Equipment:**

corrective date

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: 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: 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

Type: Other #

Comment: Audible and visual leak observed at wellhead hammer union/stuffing box. ECMS Staff informed onsite pumper (Stan w/H&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 |
|--------------------|--|-------|------------|

**Venting:**

|                    |  |       |  |
|--------------------|--|-------|--|
| Yes/No             |  |       |  |
| Comment:           |  |       |  |
| Corrective Action: |  | Date: |  |

**Flaring:**

|                    |  |       |
|--------------------|--|-------|
| 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           | <span style="color: blue;">Hydrocarbons observed on pit. Review and modify facility operations to ensure no oil or condensate accumulate within pit.</span> |           |        |                         |
|           | Corrective Action | <span style="color: red;">Remove oil from pit per Rule 909.e. Location will remain out of compliance until the corrective action has been resolved.</span>  |           |        | Date: <u>10/05/2023</u> |

**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 \_\_\_\_\_

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 Rule 1003. Evidence of Colorado List C Noxious Weed- Field Bindweed- was observed to be growing 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:

Corrective Action:  Date:

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: 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   |
|--------------|----------------------|---|
| 403559657    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6283282">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6283282</a> |
| 708200611    | Inspection Photos    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6283269">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6283269</a> |