

**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:

07/26/2022

Submitted Date:

08/15/2022

Document Number:

697504086**FIELD INSPECTION FORM**Loc ID 389360 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 36980Name of Operator: H & R WELL SERVICES, INCAddress: 17509 CR 14City: FORT MORGAN State: CO Zip: 80701**Status Summary:**

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

Findings:5 Number of Comments2 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 |
|------------------|-------|-----------------------------|---------|
| | | ctannehill@magnaes.com | |
| Allison, Rick | | rick.allison@state.co.us | |
| | | steve.freese@state.co.us | |
| Edwardson, Dylan | | dylan.edwardson@state.co.us | |
| | | daverebol@hotmail.com | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|----------|--------|-------------|------------|-----------|---------------------------------|-------------|
| 219863 | WELL | PA | 10/13/1995 | OW | 075-07523 | STATE WARREN 1 | RI |
| 448027 | LOCATION | AC | | | - | State Warren Salt Kill Location | RI |

General Comment:

This inspection is in response to a reclamation complaint. Refer to the Complaint, Environmental and Reclamation sections for more details.

Inspected FacilitiesFacility ID: 219863 Type: WELL API Number: 075-07523 Status: PA Insp. Status: RIFacility ID: 448027 Type: LOCATION API Number: - Status: AC Insp. Status: RI**Complaint**

Comment: [Complaint #: 402895865](#)
[Field Inspector Assigned: Chris Binschus](#)
[Location ID#: 389360 and 448027](#)
[Inspection Document #: 697504086](#)
[Nature of complaint: Complainant had concerns about multiple potential salt kill locations throughout the property.](#)

Corrective Action:

Date:

Environmental**Spills/Releases:**

Type of Spill: PRODUCED WATER

Estimated Spill Volume: _____

Comment: The spill is identified in COGCC database as the State Warren Salt Kill Area (Location ID 448027). Portions of the spill have been identified and corrective actions issued in inspections from 2016/17- see Reclamation section. After 5 years, the attempted reclamation and remediation efforts have failed and the total spill extent has not been addressed. Refer to the attached inspection photos.

Corrective Action: Comply with Rule 912.b. to submit a Form 19 to EPS Staff Rick Allison. Reclamation Specialist Chris Binschus will coordinate with Rick Allison on plan reviews and submittals.

Date: 08/18/2022

Reportable: _____

GPS: Lat _____

Long _____

Proximity to Surface Water: _____

Depth to Ground Water: _____

Water Well Complaint:

Lat _____ Long _____

DWR Receipt Num: _____

Owner Name: _____

GPS : _____

Field Parameters:

Sample Location: _____

Comment: _____

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 Pass 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% **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: | <p>COGCC Staff has conducted 3 inspections between 7/14/2016 and 8/25/2017. The last inspection noted that additional remediation and reclamation efforts may be required since germination was not evident in areas.</p> <p>Based on a review of historic imagery, the Operator has not addressed the total extent of the spill. Photo #5 is an approximate aerial extent of the spill that shall be cleaned up.</p> <p>Operator should refer to the 915.b. Soil Suitability for Reclamation Operator Guidance. Operator will have to make a root zone evaluation by determining the vertical extent of inorganics and will also have to delineate the horizontal extent of inorganics.</p> | Date 11/14/2022 |
| | <p>Comply with Rule 1004. Reseed disturbance areas using a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Ensure erosion controls are implemented to stabilize the seeded soil. Operator shall continue to monitor and manage this site until the location meets Rule 1004 standards, including stormwater and weed management.</p> <p>Final reclamation activities shall be complete no later than 11/14/22 or as soon as environmental conditions will permit.</p> | |
| Overall Final Reclamation Fail Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/> | | |

COGCC Comments

| Comment | User | Date |
|--|-----------|------------|
| It is COGCC's expectation to have all remediation efforts completed in time for a 2022 Fall seeding. | binschusc | 08/15/2022 |

Attached Documents

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

| Document Num | Description | URL |
|--------------|----------------------|---|
| 403136590 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5830011 |
| 697504087 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5830010 |