

**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:

08/22/2024

Submitted Date:

09/10/2024

Document Number:

696206208

FIELD INSPECTION FORMLoc ID 438248 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

ECMC Operator Number: 7125

Name of Operator: BEEMAN OIL & GAS INC

Address: 13635 E 104TH AVENUE STE 400

City: COMMERCE CITY State: CO Zip: 80022

Status Summary:

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

Findings:

22 Number of Comments

15 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 |
|-----------------|-------|----------------------------------|---------|
| | | cassyswasey@gmail.com | |
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| Arthur, Denise | | denise.arthur@state.co.us | |
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| , | | dnr_cogccenforcement@state.co.us | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|----------|--------|-------------|------------|-----------|------------------------------|-------------|
| 438235 | WELL | PR | 06/01/2024 | OW | 081-07804 | DIAMOND T SHEEP 7-92 1-26 | RI |
| 438248 | LOCATION | AC | | | - | DIAMOND T SHEEP 7-92 1-26 | RI |
| 441231 | WELL | PR | 03/01/2023 | OW | 081-07817 | DIAMOND T SHEEP 7-92 2-26H35 | RI |

General Comment:

On 8/22/2024, Western Reclamation Work Lead Trujillo and Reclamation Specialist Maxwell conducted an interim reclamation and stormwater inspection at Beeman Oil and Gas Inc's DIAMOND T SHEEP 7-92/1-26 location in Moffat County, Colorado.

This inspection is a follow-up to #696205276 to document compliance with the following corrective actions:

- Signage
- Good Housekeeping
- Interim Reclamation
- Spills
- Stormwater

It was observed in this inspection that corrective actions have not been taken, or have been insufficient and remain outstanding.

The following new compliance issues were observed during this inspection:

- Spill/release at separator equipment / stained soils
- Leak at production equipment/stained soils
- Bore hole/mousehole has not been closed/backfilled

It was observed that corrective actions per inspection #702502303 also remain outstanding. Including Compliance Inspector for notification purposes.

Due to the ongoing and/or outstanding nature of the compliance issues associated on this Location, this Location is being referred for enforcement.

Refer to the Location, Reclamation and Stormwater sections of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspection that have not been addressed are still applicable.

LocationOverall Good: ☐

| | | | |
|----------------------|--|-------|--|
| Signs/Marker: | | | |
| Type | WELLHEAD | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | BATTERY | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | CONTAINERS | | |
| Comment: | <p>Inspection #702502303 observed faded, illegible and missing labels on containers. Inspection required Operator to comply with 605 Rules.</p> <p>Operator submitted Resolution #403787707 stated CA Completed.</p> <p>It was observed in this inspection that labels remain faded, illegible and/or missing on containers. This CA Remains applicable.</p> | | |
| Corrective Action: | <p>CA per Inspection #702502303:</p> <p>Containers that are used to store, treat, or otherwise handle a hazardous material and which are required to be marked, placarded, or labeled in accordance with the U.S. Department of Transportation's Hazardous Materials Regulations, will retain the markings, placards, and labels on the Container. Such markings, placards, and labels will be retained on the Container until it is sufficiently cleaned of residue and purged of vapors to remove any potential hazards.</p> | Date: | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

Emergency Contact Number:

Comment: (970) 210-2896

Corrective Action:

Date: _____

Good Housekeeping:

| | | | |
|--------------------|--|-------|--|
| Type | | | |
| Comment: | <p>Inspection #702502303 observed that wildlife protection equipment was missing or insufficient at containment measures on the Location. Inspection required Operator to Install or repair wildlife protection equipment.</p> <p>Operator submitted Resolution #403787707 stated CA Completed</p> <p>It was observed in this inspection that wildlife protection equipment remains missing from containment measures on Location.</p> | | |
| Corrective Action: | <p>CA Per Inspection #702502303:</p> <p>Install or repair wildlife protection equipment</p> | Date: | |
| Type | | | |

| | | | |
|--------------------|---|-------|------------|
| Comment: | Previous inspections (#702801510, #696205276) observed various trash, debris, unused equipment, panels, pipe, etc... improperly stored throughout the Location. Inspections required Operator to comply with Rule 606. Inspection #702502303 also observed good housekeeping issues remained outstanding. Operator submitted Resolution #403787707 stated CA Completed. It was observed in this inspection that the Good Housekeeping issues pursuant to Rule 606 have not been addressed; various trash/debris/unused equipment/etc... remains improperly stored throughout the Location. This CA remains applicable. | | |
| Corrective Action: | Comply with Rule 606 | Date: | |
| Type | UNUSED EQUIPMENT | | |
| Comment: | Inspection #702502303 observed a comercial propane tank stored on the Location. Inspection required that all equipment not hooked up or out of service be removed from the Location. Operator submitted Resolution #403787707 stated CA Completed; specifically, Operator stated that "equipment was removed". It was observed in this inspection that the equipment remains stored on the Location. This CA remains applicable. | | |
| Corrective Action: | CA Per inspection #702502303: All equipment not hooked up or out of service will be removed from location. | Date: | |
| Type | WEEDS | | |
| Comment: | Weeds, and weed debris, observed establishing and accumulating around equipment on the Location. | | |
| Corrective Action: | Oil and Gas Locations will be kept free of all Undesirable Plant Species | Date: | 09/17/2024 |
| Type | WEEDS | | |
| Comment: | Previous inspections (#702801510, #696205276) observed that Noxious and Undesirable Plant Species (Scotch thistle, Russian thistle) were widespread and dominant within the interim areas. Inspections required Operator to comply with Rules 606.c and 1003.f. It was observed in this inspection that weed management has either not been performed, or has been insufficient- no Resolution stating corrective actions have been taken has been submitted pursuant to Rule 210.b. Noxious and Undesirable Plant Species have continued to establish and spread on the Location. This CA remains applicable. | | |
| Corrective Action: | Comply with Rules 606.c and 1003.f: Conduct weed management to prevent further establishment and spread of undesirable and noxious plant species; ongoing weed management required until location passes final reclamation. | Date: | |

Overall Good: ☐

| | | | | | |
|--------------------|---|--------|--|--|--|
| Spills: | | | | | |
| Type | Area | Volume | | | |
| | | | | | |
| Comment: | See "Comment #1" under "COGCC Comments" at the end of this report. | | | | |
| Corrective Action: | Remove and properly dispose of impacted material at an approved Facility. Provide waste manifest documentation on a FIRR. -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. - Implement or modify BMPs for improved material handling and spill prevention. | | | | |
| | Separator | | | | |
| Comment: | Separator/Production equipment leaking resulting in produced fluids spilling into containment. Stained/impacted material due to other spills also observed within containment. | | | | |

| | | | |
|--------------------|---|-------|------------|
| 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. Remove and properly dispose impacted materials and fluids within containment. | Date: | 09/25/2024 |
| Comment: | Stained soils due to a leak observed at base of production equipment on the north end of the Location. | | |
| 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. Remove and properly dispose impacted materials and fluids within containment. | Date: | 09/25/2024 |
| | Pump Jack | | |
| Comment: | <p>Inspection #702502303 observed an engine leak resulting in oily waste at base and on the ground. Inspection required Operator to Repair equipment. Remove and properly dispose of oily waste and impacted soil.</p> <p>Operator submitted Resolution #403787707 stated CA Completed.</p> <p>It was observed in this inspection that leaks have persisted at the engine, and stained/impacted soils remain at the base. This CA remains applicable.</p> | | |
| Corrective Action: | Repair equipment. Remove and properly dispose of oily waste and impacted soil. | Date: | |
| Comment: | <p>Inspection #696205276 observed stained soils on the west end of the Location, and areas around and within the sheds on the north end of the Location.</p> <p>It was observed that the stained soils around and within the sheds on the north end of the Location have not been cleaned/remediated and/or removed. This CA has not been addressed and remains applicable.</p> | | |
| Corrective Action: | Clean/Remediate impacted soils to Table 915-1 cleanup concentrations. Provide waste manifest documentation on a FIRR. | Date: | |

In Containment: No

Comment: The CA requirements to properly dispose of impacted material at an approved Facility, and to provide the waste manifest documentation on a FIRR will now apply to the disposal of all spill/impacted materials on the Location, not just those areas identified in Inspection #702801510 and #696205276.

☐ Multiple Spills and Releases?
Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|--------------------|---|----------|------|---------|--------|
| | | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

Paint

| | | | | | |
|------------------|--|--|--|--|--|
| Condition | | | | | |
| Other (Content) | | | | | |
| Other (Capacity) | | | | | |
| Other (Type) | | | | | |

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|----------|---|---------------------|---------------------|-------------|
| | | | | Adequate |
| Comment: | <p>Inspection #696205276 observed tears/holes within the secondary containment berm at the separator equipment.</p> <p>It was observed in this inspection that the liner has been repaired.</p> | | | |

| | | | |
|------------------------|--|-------|--|
| Corrective Action: | | Date: | |
| <u>Venting:</u> | | | |
| Yes/No | | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| <u>Flaring:</u> | | | |
| Type | | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

| Environmental | | | |
|--|--|-------------------------------|--|
| Spills/Releases: | | | |
| Type of Spill: _____ | | Estimated Spill Volume: _____ | |
| Comment: <div>See "Comment #2" under "COGCC Comments" at the end of this report.</div> | | | |
| Corrective Action: <div>CA Per Inspection #696205276:Control and contain spills/releases and clean up per Rule 912.a. Remove and properlydispose of impacted fluids/materials. Comply with Rule 912 for Spills/Releases. Providewaste manifest documentation on a FIRR</div> | | Date: _____ | |
| Reportable: _____ | | GPS: Lat _____ Long _____ | |
| Proximity to Surface Water: _____ | | Depth to Ground Water: _____ | |
| Water Well Complaint: | | | |
| 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: RANGELAND

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? Fail

Comment

Pursuant to Rule 1003.a, All rat holes, and other bore holes unnecessary for further lease operations, excluding the drilling pit, will be backfilled as soon as possible after the drilling rig is released to conform.

What appears to be an open mousehole observed at wells on Location; Operator has placed unsecured metal plate over the pipe. Hole/Pipe has not been properly closed or backfilled pursuant to Rule 1003.a.

Corrective Action

Comply with Rule 1003.a.

All pits, cellars, rat holes, and other bore holes unnecessary for further lease operations, excluding the drilling pit, will be backfilled as soon as possible after the drilling rig is released to conform with surrounding terrain.

Date **10/10/2024**

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? **Fail**Production areas have been stabilized? _____ Segregated soils have been replaced? **Fail****RESTORATION AND REVEGETATION**Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-CroplandTop soil replaced **Fail** 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 [See "Comment #3" under COGCC Comments at the end of this report.](#)Corrective Action **Comply with 1003 Rules.**

Date _____

Overall Interim Reclamation **Fail****Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: RANGELAND

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: See "Comment #4" under "COGCC Comments" at the end of this report.

Corrective Action: Comply with Rule 1002.f.(2)C. Ensure control measures are adequate for the site's conditions, have been installed in accordance with good engineering practices, and are maintained in proper functioning condition.

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

ECMC Comments

| Comment | User | Date |
|--|------------|------------|
| <p>COMMENT #2</p> <p>Inspection #702801510 observed an active leak occurring at the burner assembly of the produced water tank on the Location. Inspection required Operator to control and contain spills/releases and clean up per Rule 912.a; Remove and properly dispose of impacted fluids.- Comply with Rule 912 for Spills/Releases. Contact Area EPS for guidance.- Provide waste manifest documentation on a FIRR.</p> <p>Inspection #696205276 observed that the spill had been controlled and the tank repaired. However, a new active leak was observed at the other (northeastern) produced water tank's burner assembly. Operator representatives on Location at time of inspection were notified of the leak, to which they responded that they were aware of the spill; Operator was not taking immediate action to control the spill in accordance with Rule 912.a. (1). Operator was also provided notice of the requirement to provide documentation of proper disposal, which had not been submitted; Operator indicated at the time that impacted materials are currently being stored offsite in a truck "waiting for it to be full" before disposing</p> <p>It was observed in this inspection that the 2nd spill has been controlled and the tank repaired and the impacted materials appear to have been cleaned/removed. However, to date, no waste manifests to document proper disposal has been submitted. This portion of the Corrective Action remains applicable.</p> | trujilloam | 09/10/2024 |
| <p>COMMENT #1</p> <p>Inspection #702801510 observed spills within the shed on the north end of the Location adjacent to a tank containing engine oil. Inspection required Operator to remove and properly dispose of impacted material at an approved Facility; provide waste manifest documentation on a FIRR; 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; Implement or modify BMPs for improved material handling and spill prevention.</p> <p>Inspection #696205276 observed that the spills had been cleaned, however additional spills are apparent beneath the tank. Operator has failed to implement or modify BMPs for improved material handling and spill prevention, and has failed to maintain the tank in a good mechanical condition to prevent additional spills. Additionally, Operator has failed to provide waste manifests to document proper disposal of impacted soils.</p> <p>It was observed in this inspection that the containment BMP at the tank within the shed remains insufficient to contain a spill or release from the tank. Stained soils within these areas remain evident; leaks from tanks have persisted. Additionally, Operator has failed to provide waste manifests to document proper disposal of impacted soils.</p> <p>CA remains applicable.</p> | trujilloam | 09/10/2024 |

| | | | |
|---|------------|------------|--|
| COMMENT #4 | trujilloam | 09/10/2024 | |
| <p>Inspection #702801510 observed that stormwater management on the Location was inadequate; BMPs to stabilize/protect the cut and fill slopes and interim areas of the Location are missing or insufficient; rill erosion is widespread. Soils are bare and exposed and lack stabilization as seeding has largely failed. Erosion is resulting in offsite degradation to the south. Wattles to the south are not maintained and are now debris.</p> <p>Inspection #696205276 observed that corrective actions to comply with Rule 1002.f had not been taken, or were been inadequate: BMPs were implemented to stabilize/protect the cut slopes using wood straw, however application was not uniform per good engineering practices, and areas of the slopes remain bare. Tracking was implemented on western areas of the fill slope; BMP is no longer in proper functioning condition. Tracking appears to have only been implemented over the southern interim areas recently contoured; surface roughening over these areas appeared to be in proper functioning condition at time of inspection. However, BMPs remain missing or insufficient on the western interim areas of the Location; erosion issues observed. Wattles along the southern/western perimeter have not been maintained or removed.</p> <p>It was observed in this inspection that corrective actions to comply with Rule 1002.f have not been taken, or have been inadequate:</p> <p>-BMPs at the cut slope to stabilize/protect the cut slopes of the Location remain insufficient; work to install, or maintain and ensure wood mulch is uniformly applied has not been taken- proper application of the BMP per good engineering practices has not been performed. Slopes remain predominantly bare and erosion has persisted. Interim areas of the Location remain predominantly bare, surface roughening previously implemented has not been maintained and unable to find evidence that additional control measures have been installed; erosion and sediment transport issues have recurred.</p> <p>This Location remains out of compliance with 1002.f requirements.</p> | | | |
| | | | |

| | | | |
|---|------------|------------|--|
| COMMENT #3 | trujilloam | 09/10/2024 | |
| <p>Previous inspections observed that interim reclamation of the Location had not been performed. Inspections required Operator to comply with 1003 Rules.</p> <p>Inspection #696205276 observed reclamation work had commenced, though not completed; work including replacement of the topsoil stockpiled on the south end of the Location, and revegetation work, had not been conducted. Inspection required Operator to comply with Rule 1003, and complete reclamation within the southern interim areas of the Location; inspection also required Operator to conduct additional reclamation/revegetation activities on the previously reclaimed (west/northwest) areas on the Location.</p> <p>Though areas of the Location have been reduced, unable to find evidence during this inspection that topsoil was replaced and revegetation/seeding activities performed:</p> <p>-Vegetation over the interim areas remains predominantly Undesirable and Noxious Plant Species including Scotch thistle, Russian thistle, Kochia, etc... Desirable, perennial vegetative germination/establishment was not observed within southern, recently reclaimed areas; and desirable, perennial vegetative germination/establishment remains sparse within the west and northwest interim areas of the Location. Gravel and subsoil material that existed as the working pad surface prior to the commencement of reclamation work remains evident on the surface of the southern reclamation areas; topsoil has not been replaced. Additionally, unable to find evidence that additional reclamation/revegetation work was performed within the western/northwestern interim areas of the Location; no Resolution has been submitted by Operator stating corrective actions had been taken pursuant to Rule 210.b.</p> <p>With use of a sUAS, Reclamation staff also conducted new flights of the Location to gain updated aerial imagery, and observed that the Location remains topographically unchanged since the 9/12/2023 inspection.</p> <p>Corrective actions to comply with 1003 Rules and requirements remain outstanding on the Location.</p> | | | |

Attached Documents

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

| Document Num | Description | URL |
|--------------|-------------------|---|
| 696206209 | Inspection Photos | https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6700351 |

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