

**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:

09/12/2023

Submitted Date:

09/26/2023

Document Number:

696205274

**FIELD INSPECTION FORM**Loc ID 316756 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 7125

Name of Operator: BEEMAN OIL &amp; 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:**

21 Number of Comments

16 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
Maxwell, Logan		logan.maxwell@state.co.us	
		ann@energy-investments.com	
		jspconcrete@yahoo.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
232638	WELL	SI	07/01/2023	OW	107-06052	ROUTT BONANZA 1-22	RI
316756	LOCATION	AC			-	ROUTT BONANZA-67N87W 22SENE	RI
449642	TANK BATTERY	AC	03/15/2017		-	Wolf Mountain Tank Battery	RI
449645	TANK BATTERY	AC	03/15/2017		-	BOOCO'S TANK BATTERY	RI

**General Comment:**

On 9/12/2023, Reclamation Specialists' Aaron Trujillo and Logan Maxwell conducted an interim reclamation and stormwater inspection at Beeman Oil and Gas Inc's Routt-Bonanza Location # 316756 in Routt County, CO. ECMC staff had a conversation with the Operator representative, Reed, on Location.

This is a follow-up to Inspection #702800441 dated 7/14/2022 to assess compliance with the following corrective actions:

- Storage of equipment
- Trash/debris
- Vegetation growing around production equipment
- Stained soils
- Compromised tank battery secondary containment
- Noxious weeds

It was observed in this inspection that the Location remains out of compliance with ECMC Rules and Corrective actions.

The following new corrective actions were observed during this inspection:

- Signage/Labeling
- New/Additional stained soils
- Active spill/release
- Noxious Weeds; interim areas
- Good Housekeeping
- Protection of Soils

Beeman Oil & Gas #7125 is the Operator responsible for management of the Location, however signage shows that the tank battery facility on the northwest end of the Location belongs to Energy Investments Inc #10469. The corrective actions related to the Wolf Mountain 15-2-7-87 tank battery is being provided to both Operators.

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 inspections that have not been addressed are still applicable; The "Date of Discovery" is being provided as the corrective action date for all new observed compliance issues. Location will remain out of compliance until corrective action(s) has(have) been resolved and a follow up inspection will be conducted to ensure the compliance issues have been corrected to comply with ECMC rules.

**Location**Overall Good: ☒

<b>Signs/Marker:</b>			
Type	TANK LABELS/PLACARDS		
Comment:	It was observed in this inspection that the signage at the 90 bbl produced water tank does not comport with Rule 605.h requirements; Operator name and phone number not posted.		
Corrective Action:	Comply with Rule 605.h.	Date:	09/12/2023
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	It was observed in this inspection that signage on the tanks of the Energy Investments battery have not been posted, or maintained in accordance with Rule 605.h requirements		
Corrective Action:	Comply with Rule 605.h.	Date:	09/12/2023
Type	BATTERY		
Comment:	It was observed in this inspection that the signage at the Energy Investments battery facility has not been posted with the required well information per Rule 605.e.		
Corrective Action:	Comply with Rule 605.e	Date:	09/12/2023
Type	BATTERY		
Comment:	Beeman TB		
Corrective Action:		Date:	
Type	BATTERY		
Comment:	90 bbl Produced water tank, Southeast end of the Location:  It was observed in this inspection that battery signage with the required information (Operator name/phone number, well names/API associated with tank) per Rule 605.e has not been posted.		
Corrective Action:	Comply with Rule 605.e	Date:	09/12/2023
<b>Emergency Contact Number:</b>			
Comment:	Beeman- 970-210-2896 / 911 Energy Investments Inc- 303-531-5817 / 911		
Corrective Action:		Date:	
<b>Good Housekeeping:</b>			
Type	STORAGE OF SUPL		
Comment:	Previous inspection observed unused supplies and equipment (plow, various chemical totes/barrels) improperly stored on the Location. Inspection required Operator to comply with Rule 606.  It was observed in this inspection that, though most of the unused equipment/supplies have been removed, the unused chemical tote remains improperly stored at the pump-jack unit. CA remains applicable.		
Corrective Action:	Comply with Rule 606	Date:	07/21/2022
Type	DEBRIS		
Comment:	Debris from production equipment and/or trash is scattered throughout the Location. See attached photos.		
Corrective Action:	Comply with Rule 606.	Date:	09/12/2023

Type	WEEDS		
Comment:	It was observed in this inspection that Operator appears to have conducted work to remove vegetation around the pump-jack, it was observed in this inspection that Vegetation remains established around production equipment. Staff had a conversation with the Operator to maintain vegetation removal around equipment.		
Corrective Action:	Comply with Rule 606	Date:	09/12/2023

Overall Good: ☐

<b>Spills:</b>			
Type	Area	Volume	
	Tank		
Comment:	An active leak was observed at the 3rd, Energy Investments tank from the west. Stained soils also observed at the lines and base of each tank.		
Corrective Action:	Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition. Clean/remediate stained soils to Table 915-1 cleanup concentrations.		Date: 09/12/2023
Comment:	Previous inspection observed impacted soils on the Location, including within the housing unit of the well, the separator equipment, and around the tanks.  It was observed in this inspection that stained/impacted soils remain evident on the Location (wellhead, separator).		
Corrective Action:	Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition. Remove and properly dispose of impacted material as E&P waste, and properly dispose of oily waste in accordance with 905.e. Clean/remediate impacts to Table 915-1 cleanup concentrations.		Date: 08/11/2022
	Tank		
Comment:	Produced fluids observed within the honeypot/loadout of the Energy Investments tank.		
Corrective Action:	Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition. Remove and properly dispose fluids.		Date: 09/12/2023

In Containment: No

Comment:

☐ Multiple Spills and Releases?

<b>Equipment:</b>			corrective date
Type: Other	#		
Comment:	Covers at three of the four Energy Investment tanks have been removed.		
Corrective Action:	Replace covers at tanks to prevent unauthorized access by people and wildlife.		Date: 09/12/2023
Type:	#		
Comment:	Panel observed falling off from the separator equipment. Maintenance advised.		
Corrective Action:			Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	<100 BBLS	STEEL AST		,
Comment:					
Corrective Action:					Date:

**Paint**

Condition	
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Other (Content)	
Other (Capacity) 90 bbl	
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate			Inadequate

Comment:	It was observed in this inspection that the secondary containment berm at the 90 bbl produced water tank is inadequate in size to contain a spill or release.		
Corrective Action:	Install or repair secondary containment BMP; ensure BMP is adequate in size to contain a spill or release from the tank while maintaining adequate freeboard per 603 requirements.	Date:	09/12/2023

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	3	400 BBLS	STEEL AST	449645	40.550843,-107.129172

Comment:	
Corrective Action:	Date:

Paint

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Insufficient	Base Insufficient	Inadequate

Comment:	Previous inspection observed that the secondary containment BMP at the Beemen tank battery facility was not sufficiently impervious to contain a spill or release; vegetation established on and within containment has compromised the integrity of the BMP.  It was observed in this inspection that vegetation remains established within and on the containment BMP, therefore containment is not impervious. CA has not been addressed and remains applicable.		
Corrective Action:	Maintain secondary containment to ensure BMP remains impervious to contain a spill or release.	Date:	08/11/2022

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	4	400 BBLS	STEEL AST	449642	40.550810,-107.129680

Comment:	See corrective actions above related to missing covers at tanks.		
Corrective Action:		Date:	

Paint

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Insufficient	Base Insufficient	Inadequate

Comment:	<p>Previous inspection observed that the secondary containment BMP at the Energy Investment tank battery facility was not sufficiently impervious to contain a spill or release; liner has not been maintained.</p> <p>It was observed in this inspection that work to maintain the containment BMP has not been performed; tears/holes remain apparent throughout the liner; liner has been pulled off sections of the Berm.</p> <p>This CA has not been addressed and remains applicable.</p>	
Corrective Action:	Maintain secondary containment to ensure BMP remains impervious to contain a spill or release.	Date: 08/11/2022

**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

**Inspected Facilities**

Facility ID: <u>232638</u>	Type: <u>WELL</u>	API Number: <u>107-06052</u>	Status: <u>SI</u>	Insp. Status: <u>RI</u>
Facility ID: <u>316756</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449642</u>	Type: <u>TANK</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449645</u>	Type: <u>TANK</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>

**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 \_\_\_\_\_ Fail \_\_\_\_\_

Comment \_\_\_\_\_

A soil stockpile was observed on the north end of the Location; BMPs to protect the stockpile from wind and water erosion, as well as to minimize sediment transport are missing or insufficient.

Corrective Action \_\_\_\_\_

Comply with Rules 1002.c and 1002.f

Date **09/12/2023**

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? Pass 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? Pass

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 Pass

## 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 Undesirable and Noxious Plant Species (Canada thistle) observed throughout the interim reclamation areas of the Location.

Corrective Action Comply with Rules 1002.f and 606.c. Due to the timing of the inspection, additional weed management efforts will likely be required in the 2024 growing season.

Date 09/12/2023

Overall Interim Reclamation In Process

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

**Attached Documents**

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

Document Num	Description	URL
403542568	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6265060">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6265060</a>
696205275	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6265057">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6265057</a>