



On 10/09/2019, Reclamation Specialist Trujillo conducted an interim reclamation and stormwater inspection at Foundation Energy's Groseclose 31-30 location in Yuma County, Colorado.

This inspection is a follow-up inspection to inspection #696200782 to document compliance for the following corrective actions:

1002.f: Stormwater management

1002.e: Surface disturbance minimization.

This inspection is also a follow-up in response to FIR Resolution form #402187893 stating Corrective action 1 (#130916) and #2 (#130917) from inspection 696200782 have been completed stating:

1) Stormwater management and surface disturbance minimization resolved and

2) Stormwater management corrected

COGCC Decision for item #1 was "Approved Pending Re-inspection".

COGCC Decision for item #2 was "Not Approved"; insufficient documentation.

The following alleged compliance issues were observed during this inspection:

1002.f: Stormwater management

1002.e: Surface disturbance minimization.

It was documented that stormwater erosion degradation on the pad has been repaired. However, soils have not been stabilized and no stormwater erosion control BMPs have been installed per corrective actions.

It was also documented that the degraded areas south of the location due to stormwater runoff has not been repaired and reclaimed, and stormwater and erosion control BMPs have not been installed.

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

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

Due to the significant nature, extent, or duration of this alleged rule violation immediate referral to enforcement is required. Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

A follow up on this site inspection will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

**Inspected Facilities**

Facility ID: 253342 Type: WELL API Number: 125-07219 Status: SI Insp. Status: RI

Facility ID: 303599 Type: LOCATION API Number: - Status: AC Insp. Status: RI

**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 [Site remains insufficiently stabilized and/or insufficient BMPs in place to protect/stabilize location/soils; soils remain loose and at risk of erosion degradation.](#)

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_ Fail \_\_\_\_\_

Comment [Stormwater runoff has caused erosion degradation on the location and adjacent lands. No reclamation activities to repair degradation observed.](#)

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 ? 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 \_\_\_\_\_

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 [SEE "COGCC COMMENTS" FOR COMMENTS REGARDING RECLAMATION](#)

Corrective Action **Foundation shall conduct reclamation in accordance with COGCC 1000 series rules on the degraded adjacent lands due to stormwater runoff. Foundation shall establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of predisturbance or reference area levels. A seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS will be used. Foundation will ensure erosion controls are implemented to stabilize the seeded soil. Foundation shall conduct ongoing reclamation and stormwater monitoring/management until passing "Final Reclamation" pursuant to 1004 rules.**

Date 09/16/2019

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: <input style="width: 95%;" type="text"/>	
Corrective Action: <input style="width: 95%;" type="text"/>	Date: <input style="width: 30%;" type="text"/>
Overall Final Reclamation <input type="checkbox"/>	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
	Fail		Fail			

Comment: <span style="color: blue;">SEE "COGCC COMMENTS" FOR COMMENTS REGARDING STORMWATER</span>	
Corrective Action: <span style="color: red;">SEE "COGCC COMMENTS FOR COMMENTS REGARDING STORMWATER CORRECTIVE ACTIONS</span>	Date: <u>09/16/2019</u>

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<p><span style="color: blue;">RECLAMATION COMMENT</span></p> <p><span style="color: blue;">Previous inspections documented that stormwater has caused erosion degradation on the location, with the pad no longer sufficiently stabilized. It was also documented that stormwater runoff has caused erosion degradation to the adjacent lands south of the location, with sediment deposition evident within a designated intermittent stream/drainage in violation of 1002.e and 1002.f. Corrective actions required operator to conduct reclamation on the adjacent lands degraded due to stormwater runoff from Foundation's location.</span></p> <p><span style="color: blue;">It was observed in this inspection that no activities to repair/reclaim the adjacent lands have been conducted per the corrective actions; Gully erosion and sediment deposition within intermittent stream/drainage remains evident.</span></p> <p><span style="color: blue;">Resolution #402187893 stating "Corrective Action Complete" is not correct and may be considered false reporting</span></p> <p><span style="color: blue;">Original corrective action and date remains applicable.</span></p>	trujilloam	10/10/2019

<p><b>STORMWATER COMMENT</b></p> <p>Previous inspections documented that stormwater has caused erosion degradation on the location, with the pad no longer sufficiently stabilized. It was also documented that stormwater runoff has caused erosion degradation to the adjacent lands south of the location, with sediment deposition evident within a designated intermittent stream/drainage in violation of 1002.e and 1002.f. Corrective actions required operator to 1) Repair erosion degradation on location, and the adjacent lands damaged due to stormwater runoff from the location. And 2) Install/repair and maintain required stormwater and erosion control BMPs on the disturbed adjacent lands, and BMPs on the location that will allow for sediment laden free stormwater discharge from the location in accordance with 1002.f and 1002.f.(3).</p> <p>It was observed in this inspection that no activities to repair/reclaim the adjacent lands have been conducted per the corrective actions; Gulley erosion and sediment deposition within intermittent stream/drainage remains evident.</p> <p>It was also observed that Operator repaired erosion on the pad, however no BMPs have been installed/maintained to stabilize the location and allow for sediment laden free stormwater discharge from the location.</p> <p>Corrective actions have not been addressed.</p> <p>Resolution #402187893 stating "Corrective Action Complete" is not correct and may be considered false reporting</p> <p>Original corrective action and date remains applicable.</p>	<p>trujilloam</p>	<p>10/10/2019</p>
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<p><b>STORMWATER CORRECTIVE ACTION</b></p> <p>Foundation shall</p> <p>1) Repair erosion degradation on the location, and erosion degradation on the adjacent lands damaged due to stormwater runoff from the location.</p> <p>and</p> <p>2) Install/repair and maintain required stormwater and erosion control BMPs on the disturbed adjacent lands, and BMPs on the location that will allow for allow for sediment laden free stormwater discharge from the location in accordance with 1002.f and 1002.f.(3). Stormwater sediment and erosion control BMPs will be site specific, installed in accordance with good engineering practices and maintained in proper functioning condition; if it is determined that a specific BMP is insufficient to mitigate degradation to the site, cannot be implemented per installation specification, or maintained in effective operating condition, then alternative BMPs that are better suited to meet the site??s conditions will be considered and applied, or used in conjunction.</p> <p>Operator shall conduct ongoing stormwater monitoring/management until passing "Final Reclamation" pursuant to 1004 rules.</p>	<p>trujilloam</p>	<p>10/10/2019</p>
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**Attached Documents**

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

Document Num	Description	URL
696200816	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4960217">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4960217</a>