

**FORM
INSP**Rev
X/15**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:

10/18/2017

Submitted Date:

10/20/2017

Document Number:

682502721**FIELD INSPECTION FORM**
 Loc ID 390528 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:
Operator Information:OGCC Operator Number: 24040Name of Operator: DENVER EAST MACHINERY COMPANYAddress: 15507 EAST 18TH AVECity: AURORA State: CO Zip: 80011**Status Summary:**

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

Findings:12 Number of Comments3 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
		duane@denvereast.com	
Freese, Steve		steve.freese@state.co.us	All SLB Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
221076	WELL	PA	11/07/1995	OW	075-09202	STATE FULLER 2-22	RI

General Comment:

This is a follow-up, final reclamation and stormwater inspection to inspection #682501119. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	DEBRIS		
Comment:	Inspection #682501119 required operator to remove debris remaining on location and well site. Debris has not been removed (see photo 23 and 28). Additional trash debris also appears to have been left behind during previous reclamation and stormwater management activities (see photo 29). This will also need to be removed.		
Corrective Action:	Remove and properly dispose of various debris on location.		Date: 11/20/2017

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	221076	Type:	WELL	API Number:	075-09202	Status:	PA	Insp. Status:	RI

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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: Rangeland

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed **Fail** No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed **Fail** Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control **Fail**

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: This location does not meet reclamation requirements. Operator appears to have performed additional reclamation activities per the corrective actions. Stormwater BMPs had been installed but concerns remain (see "stormwater"). However vegetation does not appear to be establishing or progressing to COGCC 1000 series reclamation standards.

Corrective Action: See "COGCC Comments" for corrective actions and dates. Date **12/20/2017**

Overall Final Reclamation	Fail	Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>
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Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Fail					@ Berms, filled w/ sediment
Seeding	Fail					See "Reclamation"
Berms	Fail					Catchments / Dams
Waddles	Fail					Straw Wattles
Wind Fences	Fail					Silt Fence

Comment: Inspection #682501119 documented substantial stormwater erosion occurring throughout the location. Operator appears to have regraded and repaired the erosion per the corrective action, and installed stormwater and sediment control BMPs (Berms w/ rock aggregate, straw wattles, silt fence). However, operator has failed to monitor and maintain BMPs per COGCC rule 1002.f; a majority of the controls are no longer in proper functioning condition, are now considered debris, and stormwater erosion degradation has been allowed to continue throughout the location.

Corrective Action: Install (or repair) and maintain stormwater and sediment control BMPs in accordance to 1002.f and good engineering practices. Continue to perform stormwater management until final reclamation has passed.

Date: 11/20/2017

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
<p>CORRECTIVE ACTION</p> <p>The reclamation work conducted per the corrective actions do not appear be progressing. Therefore, COGCC will require Denver East to collect and test soil samples from the bare areas of the disturbance, and sample from a reference area, for comparative agronomic soil analysis, with a minimum of the following tests: pH, EC, SAR and organic matter. Report the results attached to a form 4, and provide a map outlining sample locations to COGCC Reclamation specialist Aaron Trujillo by corrective action date of 12/20/2017. If the agronomic samples come back showing the soil is not conducive to vegetation establishment, then provide a detailed reclamation plan (including potential amendments) by 2/15/2018.</p> <p>Remediation and/or revegetation activities shall be conducted no later than 3/31/2018.</p>	trujilloam	10/20/2017

Attached Documents

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

Document Num	Description	URL
682502722	Inspection Photos	http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4280435