

**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:

08/26/2019

Submitted Date:

08/27/2019

Document Number:

696200698**FIELD INSPECTION FORM**

Loc ID 435480	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
Operator Information: OGCC Operator Number: <u>10706</u> Name of Operator: <u>D90 ENERGY LLC</u> Address: <u>202 TRAVIS STREET #402</u> City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77002</u>				Findings: <u>3</u> Number of Comments <u>1</u> Number of Corrective Actions <input checked="" type="checkbox"/> 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
		dsilverman@d90energy.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
435480	LOCATION	AC			-	ARIKAREE CREEK SWD 1	RI

General Comment:

On 8/26/2019, Reclamation Specialist Trujillo conducted stormwater inspection at D90 ENergy LLC's Arikaree Creek SWD 1 location in Lincoln County, Colorado.

This inspection is a follow-up to inspection #682504787 dated 4/19/2019.

This inspection is to document compliance for the following corrective actions:

210.d: Capacity labeling on tanks

1002.f: Stormwater Management

The following alleged compliance issues were observed during this inspection:

1002.f: Stormwater Management

Inspection Summary:

It was documented that stormwater erosion degradation and sediment transport off the location remains evident, and no BMPs have been installed. It was also observed that labeling on the tanks in accordance with 210.d was missing.

At approximately 12:15 hours, Reclamation Specialist Trujillo was contacted on location by an individual who identified himself as "Sam", a Field Supervisor for D90. Sam pointed out a sign at the location entrance identifying the tanks and their capacity. See photo 12 in the attached photos. Due to issues with labels staying attached to the fiberglass tanks, Sam indicated that D90 was provided approval from Inspector Sherman, that the signage will be sufficient per Rule 210.d. When asked about the stormwater corrective actions, Sam stated he was unaware of the corrective actions, and that no stormwater management has been conducted.

Refer to the "Good Housekeeping" and "Stormwater" sections of this inspection report for additional details

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

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

LocationOverall Good: ☐**Signs/Marker:**

Type	TANK LABELS/PLACARDS		
Comment:	Inspection #682504787 documented insufficient labeling on the tanks. Sign at location entrance identifies tanks and their capacity. D90 indicated that they were provided approval from inspector S. Sherman that this signage will be sufficient per Rule 210.d. This corrective action has been addressed.		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:		Date: _____
Corrective Action:		

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:

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
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: 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
Gravel	Fail					
Ditches	Fail		Fail		Fail	

Comment: Inspection #682504787 documented stormwater erosion degradation on the location, with sediment transport onto the adjacent lands from the southern end of the location. Inspection required operator to comply with 1002.f and install BMPs.

It was observed in this inspection that erosion degradation has continued on the location and access road. Sediment laden stormwater discharge off location has also continued; Degradation to the adjacent lands evident.

Operator has failed to comply with 1002.f and install required stormwater and erosion control BMPs to stabilize the location, and to allow for for sediment laden free stormwater discharge off the location. Original corrective action and date remains applicable.

Corrective Action: Repair erosion degradation and install required BMPs in accordance with 1002.f and in accordance with good engineering practices. Ongoing stormwater monitoring and managment is required until location passes final reclamation.

Date: 05/22/2019

Pits: ☐ NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
402156723	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4920384
696200699	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4920373