

**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:

03/08/2019

Submitted Date:

03/11/2019

Document Number:

682504574

**FIELD INSPECTION FORM**

Loc ID 330865 Inspector Name: Trujillo, Aaron On-Site Inspection  2A Doc Num: \_\_\_\_\_

**Status Summary:**

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

**Operator Information:**

OGCC Operator Number: 10112  
Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC  
Address: 5057 KELLER SPRINGS RD STE 650  
City: ADDISON State: TX Zip: 75001

**Findings:**

- 8 Number of Comments
- 3 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
Pesicka, Conor		conor.pesicka@state.co.us	
Allison, Rick		rick.allison@state.co.us	
Arthur, Denise		denise.arthur@state.co.us	
		abeard@foundationenergy.com	
		dnr_cogccenforcement@state.co.us	
		jsauer@foundationenergy.com	
		regulatory@foundationenergy.com	<a href="#">All Inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
199860	WELL	TA	11/01/2018	OW	123-19794	State 36-3-9	RI

**General Comment:**

This is a follow-up interim reclamation and stormwater inspection to inspection #682501617, 682501708, #682501790, #675103803 and #682503197.

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

1003: Comply with Rule 1003 and conduct interim reclamation by 6/15/2017

1002.f: Install BMPs per rule 1002.f by 2/18/2017

Any corrective actions from previous inspections (including C. Pesicka inspection doc #684905258, R Allison's inspection doc#679700564) that have not been addressed are still applicable. are still applicable.

**Location**

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: \_\_\_\_\_

Overall Good:

**Spills:**

Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

**Fencing/:**

Type WELLHEAD

Comment: [Fence around well head in disrepair. See photo 18 in the attached photo document.](#)

Corrective Action:

Date: \_\_\_\_\_

**Venting:**

Yes/No

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Flaring:**

Type	<input type="text"/>		
Comment:	<input type="text"/>		
Corrective Action:	<input type="text"/>	Date:	<input type="text"/>

**Inspected Facilities**

Facility ID: 199860 Type: WELL API Number: 123-19794 Status: TA Insp. Status: RI

**Producing Well**

Comment: [Well status TA, this is an interim reclamation and stormwater inspection.](#)

Corrective Action:

Date:

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

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured Fail 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? \_\_\_\_\_

Comment Inspection Doc. #682501617 dated 1/17/2017 , 682501708 dated 2/28/2017, #682501790 dated 3/24/2017, #675103803 dated 8/07/2017 and 682503197 dated 3/12/2018 required operator to perform interim reclamation including, but not limited to, re-contouring and revegetating (reclaiming) all areas not reasonably needed for production per 1003 reclamation rules; Location does not meet reclamation regulations; The northern, western and southwest portions of the location do not appear to be necessary for production activities and remain unreclaimed per reclamation requirements. Vegetation remains predominantly undesirable weedy plant species such as russian thistle, kochia and Puncturevine.

Corrective Action **ORIGINAL CORRECTIVE ACTION AND DATE REMAINS APPLICABLE. Perform reclamation. Re-contour, re-grade and reclaim areas not needed for production per 1003 reclamation rules; Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of predisturbance or reference area levels. Use a seed mixture that matches the adjacent pastureland or a seed mixture requested by the landowner. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site. Revegetation activities shall be completed no later than 6/15/2017**

Date 06/15/2017

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: \_\_\_\_\_

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
	Fail					

Comment: Inspection Doc. #682501617, 682501708, #682501790, #675103803 and # 682503197 documented insufficient stormwater and sediment control BMPs in place; areas along the perimeter of the location experiencing degradation. These concerns will be mitigated during interim reclamation, however temporary BMPs need to be implemented to prevent further degradation. Inspections required operator to install or repair required BMPs per rule 1002.f. by 2/18/2017. Erosion degradation remains evident, BMPs have not been installed. Original corrective action and corrective action date remains in place.

Corrective Action: **Install or repair required BMPs per rule 1002.f. in accordance to good engineering practices**

Date: 02/18/2017

**Pits:**  NO SURFACE INDICATION OF PIT

Type: \_\_\_\_\_ Lined: \_\_\_\_\_ Pit ID: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

Reference Point: \_\_\_\_\_ Other: \_\_\_\_\_ Length: \_\_\_\_\_ Width: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

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

Date: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

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

Date: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

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

Date: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_

Comment: Previous inspections conducted by EPS / Field Inspector included CAs to submit an eForm 15 Pit Report. Pit remains unpermitted.

Comment: Previous inspection also documented burrows in pit containment and required repair. Burrows have not been repaired.

Corrective actions remains applicable.

Submit an eForm 15 Pit Report to update COGCC records with current information.

Repair containment. (CA date: 05/07/17)

Date: 08/29/2016

**COGCC Comments**

Comment	User	Date
<p>Location previously operated under Diversified Operating. 2011 Historic aerial imagery shows location disturbance area to be approximately 1.76 acres. Foundation took over location in 2012. 2013 Aerial imagery shows Foundation appears to have expanded the location's disturbance area to approximately 3.76 acres. Aerial imagery shows location disturbance area, and areas not needed for production were not reclaimed in accordance with 1003.b. See photos 1 and 2 in the attached photo document.</p> <p>Due to the significant nature, extent, or duration of this alleged rule violation, this location is being referred for enforcement.</p>	trujilloam	03/11/2019

**Attached Documents**

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

Document Num	Description	URL
401967695	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4758653">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4758653</a>
682504575	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4758645">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4758645</a>