

**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:

03/30/2017

Submitted Date:

03/30/2017

Document Number:

684903385

**FIELD INSPECTION FORM**

Loc ID 330865 Inspector Name: Pesicka, Conor On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_

**Operator Information:**

OGCC Operator Number: 10112

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC

Address: 16000 DALLAS PARKWAY #875

City: DALLAS State: TX Zip: 75248-

**Status Summary:**

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

**Findings:**

20 Number of Comments

9 Number of Corrective Actions

- ☒ Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
,		regulatory@foundationenergy.com	All Inspections
Burn, Diana		diana.burn@state.co.us	
Allison, Rick		rick.allison@state.co.us	
Anderson, Austin	918-845-4700	aanderson@foundationenergy.com	
Trujillo, Aaron		aaron.trujillo@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
199860	WELL	PR	08/10/1999	OW	123-19794	State 36-3-9	TA

**General Comment:**

Followup inspection to A Trujillo's inspection doc#682501708 and C Pesicka's inspection doc#684901990. Any corrective actions not addressed from doc#682501708 are still applicable.

**Location**Overall Good: ☒

<b>Signs/Marker:</b>			
Type	TANK LABELS/PLACARDS		
Comment:	Placards have been placed, capacity stenciled on		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Wellhead sign placed		
Corrective Action:		Date:	
Type	BATTERY		
Comment:	Damaged placarding, no mention of state battery/associated wells		
Corrective Action:	Install sign to comply with rule 210	Date:	05/30/2017

Emergency Contact Number:

Comment:

Corrective Action:

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

**Good Housekeeping:**

Type	UNUSED EQUIPMENT		
Comment:	Unused iron on NW corner of site		
Corrective Action:	Comply with Rule 603.f using the Rule 603.f guidance document for further details.	Date:	02/18/2017

Overall Good: ☐

<b>Spills:</b>			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	SEPARATOR		
Comment:	barbed wire		
Corrective Action:		Date:	
Type	PIT		
Comment:	barbed wire; Fence in disrepair on NW corner, corner post almost exposed		
Corrective Action:	Install fencing per Rule 605.c(3)	Date:	04/14/2017
Type	TANK BATTERY		
Comment:	barbed wire; wire is low on SE corner, livestock possibly getting in, evidenced by fresh manure in battery site		
Corrective Action:	Install fencing per Rule 605.c(3)	Date:	04/14/2017
Type	WELLHEAD		
Comment:	panel		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Vertical Heater Treater	# 1		
Comment:			
Corrective Action:			Date:
Type: Bird Protectors	# 2		
Comment:			
Corrective Action:			Date:
Type: Prime Mover	# 1		
Comment:	ajax; stained soil has been removed		
Corrective Action:			Date:
Type: Pump Jack	# 1		
Comment:			
Corrective Action:			Date:
Type: Vertical Separator	# 1		
Comment:			
Corrective Action:			Date:
Type: Emission Control Device	# 1		
Comment:			
Corrective Action:			Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	2	300 BBLs	STEEL AST		40.449950,-104.156410	
Comment:						
Corrective Action:						Date:

**Paint**

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate	
Comment:	Low berms around tanks				
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4).				Date: 09/09/2016

**Venting:**

Yes/No	NO	
Comment:		
Corrective Action:		Date:

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

**Inspected Facilities**Facility ID: 199860 Type: WELL API Number: 123-19794 Status: PR Insp. Status: TA**Idle Well**Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: EQUIPMENT PRESENT/DISCONNECTEDComment: Treater disconnected from emission control device. Last produced Sept 2014. No MIT on record.Corrective Action: Well must have a successful mechanical mechanical integrity test performed or plugged as directed by Rule 319 b (3) 10 days to contact COGCC engineeringDate: 04/10/2017**BradenHead**Comment: Bradenhead plumbed to surface.Corrective Action:

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

Environmental	
<b>Spill/Remediation:</b>	
Comment:	
Corrective Action:	<div></div> <div>Date: </div>
Emission Control Burner (ECB): YES	
Comment:	Disconnected
Pilot: OFF	Wildlife Protection Devices (fired vessels): YES

**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 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 [Continue under direction by reclamation inspection doc#682501617](#)

Corrective Action [Continue under direction by reclamation inspection doc#682501617](#)

Date **06/15/2017**

## Overall Interim Reclamation

**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
Gravel	Pass	Gravel	Pass			

Comment: [Continue under direction by reclamation inspection doc#682501617](#)Corrective Action: [Continue under direction by reclamation inspection doc#682501617](#)Date: 02/18/2017**Pits:** ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: NO

Pit ID:

Lat: 40.450270Long: -104.156180Reference Point: SE

Other: \_\_\_\_\_

Length: 15Width: 15**Lining:**

Liner Type:

Liner Condition:

Comment:

Corrective Action

Date: c**Fencing:**Fencing Type: LivestockFencing Condition: InadequateComment: [barbed wire. See fencing.](#)

Corrective Action

Date:

**Netting:**

Netting Type:

Netting Condition:

Comment:

Corrective Action

Date:

Anchor Trench Present:

Oil Accumulation: NO2+ feet Freeboard: YESComment: [Stained soil has been removed, pitwall has been built up. Pit is unpermitted.](#)

Corrective Action

[Submit an eForm 15 Pit Report to update COGCC records with current information.](#)Date: 08/29/2016

**Optical Gas Imaging Survey**Survey Type: RoutineCurrent Operations: ☐ Production ☐ Workover ☐ Flowback ☐ Referred to APCDGPS(entrance of location): Lat: 40.449950 Long: -104.156410Wind: None Speed: 0 (mph) Direction From: - Weather: Clear Temperature: 40 (F)

Assisting Staff: \_\_\_\_\_ Camera #: \_\_\_\_\_

☐ Visible Smoke ☐ Referred to CDPHE

Times Surveyed

Equipment Surveyed

Time Survey Start	AM/PM	Time Survey End	AM/PM	Equipment
10:35	AM	10:35	AM	Wellhead(s)

Comment: Analysis due to prior leak. No leak visible.

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

**COGCC Comments**

Comment	User	Date
<u>Inspection sent to reclamation specialist due to prior inspections on site. Inspection sent to engineering due to TA well without MIT. Inspection sent to EPS due to unpermitted pit.</u>	pesickac	03/30/2017

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

Document Num	Description	URL
401247967	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113083">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113083</a>
684903386	FLIR video of wellhead	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113079">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113079</a>
684903387	Site photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113080">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113080</a>