

**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:

09/13/2017

Submitted Date:

09/13/2017

Document Number:

684904358

**FIELD INSPECTION FORM**

Loc ID 330622 Inspector Name: Pesicka, Conor 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:**

- 23 Number of Comments
- 11 Number of Corrective Actions
- Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
Mah, Steven		steven.mah@state.co.us	
,		regulatory@foundationenergy.com	<a href="#">All Inspections</a>
Leonard, Mike		mike.leonard@state.co.us	
Anderson, Austin	918-845-4700	aanderson@foundationenergy.com	
Ash, Margaret		margaret.ash@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
251565	WELL	PR	06/01/2015	GW	123-19368	HILL 31-15-8	TA
275725	PIT	AC	01/25/2005		-	HILL 31-15-8	AC

**General Comment:**

[Followup inspection to inspection doc#684903913 in response to governor's dashboard CA](#)

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	BATTERY		
Comment:	Battery sign reattached		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Damaged placarding on 400 bbl crude oil tanks. No placarding on 300 bbl fiberglass produced water tank		
Corrective Action:	Install sign to comply with rule 210.d	Date:	08/30/2016
Type	WELLHEAD		
Comment:	Wellhead sign is for prior operator		
Corrective Action:	Install sign to comply with Rule 210.e.	Date:	08/30/2016
Type	CONTAINERS		
Comment:	propane, methanol		
Corrective Action:		Date:	

Emergency Contact Number:			
Comment:	Emergency contact number at wellhead is for prior operator		
Corrective Action:	Install sign to comply with Rule 210.e.	Date:	08/21/2017

<b>Good Housekeeping:</b>			
Type	DEBRIS		
Comment:	Debris in treater house		
Corrective Action:	Comply with Rule 603.f .	Date:	07/31/2017
Type	UNUSED EQUIPMENT		
Comment:	Unused equipment in tank battery		
Corrective Action:	Comply with Rule 603.f .	Date:	08/21/2017

Overall Good:

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

In Containment: No

Comment:

Multiple Spills and Releases?

<b>Fencing/:</b>			
Type	WELLHEAD		
Comment:	barbed wire		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Gas Meter Run	# 2		
Comment:			

Corrective Action:		Date:	
Type: Pig Station	# 1		
Comment:			
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	# 3		
Comment:	containers- 2 methanol, 1 propane		
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 1		
Comment:	Stained soil in treater house		
Corrective Action:	Remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.	Date:	08/01/2016
Type: Prime Mover	# 1		
Comment:	injection pump; stained soil in pumphouse, around pumphouse		
Corrective Action:	Remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.	Date:	08/01/2016
Type: Emission Control Device	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 2		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 2		
Comment:	2 unmarked risers in tank battery		
Corrective Action:		Date:	
Type: Vertical Separator	# 1		
Comment:			
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	300 BBLs	STEEL AST		40.611650,-104.131360
Comment:					
Corrective Action:					Date:

**Paint**

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

Berm						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Comment: Shared with crude oil						
Corrective Action:				Date:		
Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	2	400 BBLs	STEEL AST		40.611650,-104.131360	
Comment: Stained soil valve in process of being remediated. Leak repaired.						
Corrective Action:				Date:		

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

Berm						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						
Corrective Action:				Date:		
Contents	#	Capacity	Type	Tank ID	SE GPS	
PRODUCED WATER	3	300 BBLs	FIBERGLASS AST		40.611650,-104.131360	
Comment: Stained soil around tanks						
Corrective Action: Remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.				Date:		08/21/2017

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

Berm						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Comment: Shared with crude oil						
Corrective Action:				Date:		

Venting:			
Yes/No	NO		
Comment:			
Corrective Action:		Date:	

Flaring:	
Type	

Comment:		
Corrective Action:		Date:

**Inspected Facilities**

Facility ID: 251565 Type: WELL API Number: 123-19368 Status: PR Insp. Status: TA

**Idle Well**

Purpose:  Shut In  Temporarily Abandoned Reminder: EQUIPMENT PRESENT/DISCONNECTED

Comment: TA; MIT on 09-24-2015. Production updated.

Corrective Action:  Date:

**BradenHead**

Comment: Bradenhead plumbed to surface.

Corrective Action:  Date:

Facility ID: 275725 Type: PIT API Number: - Status: AC Insp. Status: AC

**Environmental**

**Spill/Remediation:**

Comment:

Corrective Action:  Date:

Emission Control Burner (ECB): YES

Comment:

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? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? Pass

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

Corrective Action

Date \_\_\_\_\_

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	Fail	Gravel	Pass			
Waddles	Pass					

Comment: [Stormwater erosion on N side of pit, S side of pit and battery](#)

Corrective Action: [Install or repair required BMPs per Rule 1002.f.](#)

Date: 08/21/2017

**Pits:**  NO SURFACE INDICATION OF PIT

Type: Produced Water Lined: NO Pit ID: 275725 Lat: 40.613215 Long: -104.133043

Reference Point: SE Other: \_\_\_\_\_ Length: 15 Width: 15

**Lining:**

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

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

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

Date: c

**Fencing:**

Fencing Type: None Fencing Condition: \_\_\_\_\_

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

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

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

**Netting:**

Netting Type: Mesh Netting Condition: Holes

Comment: [Gaps/holes in mesh](#)

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

Date: 07/07/2016

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO 2+ feet Freeboard: YES

Comment: [Stained soil at NW corner of pit](#)

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

Date: 08/21/2017

**Attached Documents**

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

Document Num	Description	URL
401402262	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4250396">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4250396</a>
684904359	Site photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4250392">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4250392</a>