

**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:
Operator Information:OGCC Operator Number: 10112Name of Operator: FOUNDATION ENERGY MANAGEMENT LLCAddress: 5057 KELLER SPRINGS RD STE 650City: ADDISON State: TX Zip: 75001**Status Summary:**

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

Findings:23 Number of Comments11 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	All Inspections
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](#)

LocationOverall Good: ☒

Signs/Marker:			
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

Good Housekeeping:

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: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

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

Type	WELLHEAD		
Comment:	barbed wire		
Corrective Action:		Date:	

Equipment:

Type: Gas Meter Run	# 2		corrective date
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)	

Berms						
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)						
Berms						
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)						
Berms						
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 FacilitiesFacility ID: 251565 Type: WELL API Number: 123-19368 Status: PR Insp. Status: TA**Idle Well**Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: EQUIPMENT PRESENT/DISCONNECTEDComment: 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: Off while TA

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 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: _____

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 batteryCorrective Action: Install or repair required BMPs per Rule 1002.f.Date: 08/21/2017**Pits:** ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: NOPit ID: 275725Lat: 40.613215Long: -104.133043Reference Point: SE

Other: _____

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

Liner Type: _____

Liner Condition: _____

Comment: _____

Corrective Action

Date: c**Fencing:**Fencing Type: None

Fencing Condition: _____

Comment: _____

Corrective Action

Date: _____

Netting:Netting Type: MeshNetting Condition: HolesComment: Gaps/holes in mesh

Corrective Action

Date: 07/07/2016

Anchor Trench Present: _____

Oil Accumulation: NO2+ feet Freeboard: YESComment: 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	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4250396
684904359	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4250392