

**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:

07/15/2019

Submitted Date:

07/16/2019

Document Number:

696101149**FIELD INSPECTION FORM**Loc ID 310566 Inspector Name: Evins, Bret 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:22 Number of Comments0 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
Beard, Alyssa		regulatory@foundationenergy.com	Regulatory Manager All Inspections
Koehler, Bob		bob.koehler@state.co.us	
Pesicka, Conor		conor.pesicka@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
159994	UIC Enhanced Recovery	AC	04/20/2017		-	Mule Waterflood Unit	AC
293534	WELL	SI	03/27/2017	OW	123-26575	GREEN 1-1	AC

General Comment:

This is a UIC WELL & ENHANCED RECOVERY FACILITY / BATTERY Inspection.

Facility / Battery: Active Operation.

Wells: 1 UIC well: Active Injection | IJ

Annual UIC inspection.

Centralized Battery serves 2 Location IDs: (310566, 429227).

Follow-up to Field Inspection Report Doc #684905186 dated 03/28/2018.

Location			
Lease Road:			
Type	Access		
comment:	Adequate		
Corrective Action	L		Date:
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	WELLHEAD		
Comment:			
Corrective Action:			Date:
Type	TANK LABELS/PLACARDS		
Comment:	<p>Prior insp: Invalid company name & posted on produced H2O tanks label. Install sign to comply with rule 210.e. Original Corrective Action date: 04/27/2018.</p> <p>This insp: * Valid company name NOW posted on produced H2O tanks label. See photos #5, 6.</p>		
Corrective Action:			Date:
Type	BATTERY		
Comment:			
Corrective Action:			Date:
Emergency Contact Number:			
Comment:	<p>Prior insp: Invalid emergency number posted on produced H2O tanks label. Install sign to comply with rule 210.e. Original Corrective Action date: 03/27/2018.</p> <p>This insp: * Valid emergency number NOW posted on produced H2O tanks label. See photos #5, 6.</p>		
Corrective Action:			Date:
Good Housekeeping:			
Type			
Comment:			
Corrective Action:			Date:
Overall Good: <input checked="" type="checkbox"/>			
Spills:			
Type	Area	Volume	
In Containment: No			
Comment:			
<input type="checkbox"/> Multiple Spills and Releases?			
Fencing/:			
Type	WELLHEAD		

Comment: Protective shed surrounds wellhead.			
Corrective Action:		Date:	
Equipment:			corrective date
Type: Vertical Heater Treater	# 1		
Comment:			
Corrective Action:		Date:	
Type: Gas Meter Run	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bradenhead	# 1		
Comment: Appears plumbed to surface			
Corrective Action:		Date:	
Type: Ancillary equipment	# 4		
Comment: 1: Generator 1: ECD scrubber 1: Chemical pump, plastic tank (Methanol) (Placarded). 1: Plastic tank (Emulsion breaker) (Placarded)			
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment: Injection pump w/ Electric motor.			
Corrective Action:		Date:	
Type: Other	# 1		
Comment: Wellhead: w/ Master & casing valves & injection line.			
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment: 4/4			
Corrective Action:		Date:	
Type: Vertical Separator	# 2		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 2		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 3		
Comment: 2: 2" Unmarked flowline risers at SE corner of tank battery 1: 1" Unmarked flowline riser at SE corner of produced H2O pit.			
Corrective Action:		Date:	
Type: Emission Control Device	# 1		
Comment: Controls crude oil tanks VOCs. Pilots: ON			
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
			CENTRALIZED BATTERY		,
Comment: Centralized Battery serves 2 Location IDs: (310566, 429227).					
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
OTHER	1	OTHER	PBV FIBERGLASS		,
Comment: Pit skim.					
Corrective Action:					Date:

Paint

Condition	
Other (Content)	
Other (Capacity)	50 Bbls.
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment: Shares berms w/ produced H2O pit.				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	3	300 BBLs	STEEL AST		40.611251,-104.034556
Comment: Prior insp: Stained soil at crude oil tanks loadout. Properly treat or dispose of oily waste in accordance with Rule 907.e. 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. Original Corrective Action date: 03/27/2018. This insp: * Stained soil at crude oil tanks loadout NOW appears mitigated. See photos #7, 8.					
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Comment: [Shares berms w/ produced H2O tanks.](#)

Corrective Action:		Date:	
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Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	3	300 BBLS	STEEL AST		,

Comment:

Corrective Action:		Date:	
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Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Comment: [Shares berms w/ crude oil tanks.](#)

Corrective Action:		Date:	
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Venting:

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

Flaring:

Type	
Comment:	
Corrective Action:	
Date:	

Inspected Facilities

Facility ID: 159994 Type: UIC API Number: - Status: AC Insp. Status: AC

Facility ID: 293534 Type: WELL API Number: 123-26575 Status: SI Insp. Status: AC

Underground Injection Control

UIC Violation: _____ Maximum Injection Pressure: _____

UIC Routine

Inj./Tube: Pressure or inches of Hg 690 Previous Test Pressure _____ MPP _____
 (e.g. 30 psig or -30" Hg) Inj Zone: DSND
 TC: Pressure or inches of Hg _____ Previous Test Pressure _____ Last MIT: 02/24/2017
 Brhd: Pressure or inches of Hg _____ Previous Test Pressure _____ AnnMTReq: _____

Comment: Annual UIC inspection.
 Injection pump injecting at time of inspection.
 Tbg. Press: 690#
 Unable to document Casing & Bradenhead pressures.
 Casing & Bradenhead had bullplugs installed, did NOT have
 pressure gauges.
 Last MIT: 02/24/2017.
 MAIP: 2250# H2O injection.

Corrective Action: _____ Date: _____

Method of Injection: PUMP FEED

Test Type: _____ Tbg psi: _____ Csg psi: _____ BH psi: _____

Insp. Status: _____

Comment: _____

Corrective Action: _____ Date: _____

Reclamation - Storm Water - Pit**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel		Gravel				

Comment:

Corrective Action:

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Type: _____ Lined: _____ Pit ID: 297227 Lat: 40.611313 Long: -104.033823

Reference Point: SE Other: _____ Length: 20 Width: 20

Lining:

Liner Type:

Liner Condition:

Comment:

Corrective Action

Date:

Fencing:

Fencing Type:

Fencing Condition:

Comment:

Corrective Action

Date:

Netting:Netting Type: MeshNetting Condition: Good

Comment:

Corrective Action

Date:

Anchor Trench Present:

Oil Accumulation: NO2+ feet Freeboard: YESComment: Has 50 Bbls. Fiberglass pit skim tank.

Corrective Action

Date:

COGCC Comments

Comment	User	Date
<p>COGCC Inspection Report Summary:</p> <p>On MON 07/15/2019 at approximately 13:35 hrs. I, Bret Evins, conducted an on-site inspection at: Operator Name: FOUNDATION ENERGY MANAGEMENT LLC Location Name: Green /1-1 Location ID: 310566 Well Name: Green 1-1 API: 05-123-26575 Location County: Weld County, Colorado Weather: Dry</p> <p>While there, I observed: Well(s) - 1: Active Injection IJ. UIC Injection - H2O. UIC Injection Facility / Battery: Active Operation. Facility Type: UIC Enhanced Recovery</p> <p>Follow-up to Field Inspection Report Doc #684905186 dated 03/28/2018. 3 of 3: Corrective Actions appears addressed. 1, 2.): Invalid company name & invalid emergency number posted on produced H2O tanks label. Install sign to comply with rule 210.e. Original Corrective Actions dates: 04/27/2018, 03/27/2018. * Valid company name & valid emergency number NOW posted on produced H2O tanks label. See photos #5, 6. 3.) Stained soil at crude oil tanks loadout. Properly treat or dispose of oily waste in accordance with Rule 907.e. 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. Original Corrective Action date: 03/27/2018. * Stained soil at crude oil tanks loadout NOW appears mitigated. See photos #7, 8.</p> <p>NO: NEW Corrective Actions observed.</p> <p>This is a summary of the inspection report.</p>	evinsb	07/16/2019

Attached Documents

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

Document Num	Description	URL
696101150	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4879933