

**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:

11/02/2018

Submitted Date:

11/07/2018

Document Number:

691200732**FIELD INSPECTION FORM**Loc ID 305200 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:29 Number of Comments4 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
Allison, Rick		rick.allison@state.co.us	
Riley, Steve		stephen.riley@state.co.us	Environmental Protection Specialist
Ash, Margaret		margaret.ash@state.co.us	
,		regulatory@foundationenergy.com	All Inspections
Cowan, Peter		picowan@blm.gov	BLM; federal/federal inspections
Pesicka, Conor		conor.pesicka@state.co.us	
Koehler, Vernon		vkoehler@fs.fed.us	USFS; federal/federal inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
275386	WELL	SI	07/01/2018	OW	123-22634	FEDERAL GOSHAWK 28-13	SI

General Comment:

This is a WELL & BATTERY inspection.

This Centralized Battery serves 3 Location IDs (305200, 331082, 331151).

Follow-up to FIR #691200356 dated 08/16/2018.

5 of 8 Corrective Action items from FIR #691200356 dated 08/16/2018 have been addressed.

Location			
Lease Road:			
Type	Access		
comment:	Adequate. Access road and adjacent roads in the area have been graded & improved. The Corrective Action item for roads from FIR #691200356 dated 08/16/2018 has been addressed.		
Corrective Action:		Date:	
Overall Good: <input checked="" type="checkbox"/>			
Signs/Marker:			
Type	BATTERY		
Comment:	Sign is now Legible. The Corrective Action item for Battery signs from FIR #691200356 dated 08/16/2018 has been addressed.		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Sign is now Legible. The Corrective Action item for Wellhead signs from FIR #691200356 dated 08/16/2018 has been addressed.		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Adequate		
Corrective Action:		Date:	
Emergency Contact Number:			
Comment:			
Corrective Action:			Date: _____
Good Housekeeping:			
Type	WEEDS		
Comment:	Weeds have been cleared from H2O pit banks. The Corrective Action item for Weeds from FIR #691200356 dated 08/16/2018 has been addressed.		
Corrective Action:		Date:	
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
In Containment: No			
Comment:			
<input type="checkbox"/> Multiple Spills and Releases?			
Fencing/:			
Type	SEPARATOR		
Comment:	Barbed wire		
Corrective Action:		Date:	
Type	PUMP JACK		
Comment:	Iron rod		
Corrective Action:		Date:	

Type	IGNITOR/COMBUSTOR			
Comment:	Barbed wire			
Corrective Action:			Date:	
Type	PIT			
Comment:	Barbed wire			
Corrective Action:			Date:	
Type	WELLHEAD			
Comment:	Barbed wire			
Corrective Action:			Date:	
Type	TANK BATTERY			
Comment:	Barbed wire			
Corrective Action:			Date:	
Equipment:				corrective date
Type: Emission Control Device	# 1			
Comment:	Pilot is ON. Controls oil tanks VOCs.			
Corrective Action:			Date:	
Type: Pump Jack	# 1			
Comment:				
Corrective Action:			Date:	
Type: Flow Line	# 4			
Comment:	Disconnected, unmarked, unpainted, untagged, unlocked: 4 risers at tank battery.			
Corrective Action:			Date:	
Type: Vertical Separator	# 1			
Comment:				
Corrective Action:			Date:	
Type: Bird Protectors	# 2			
Comment:				
Corrective Action:			Date:	
Type: Gas Meter Run	# 1			
Comment:				
Corrective Action:			Date:	
Type: Deadman # & Marked	# 4			
Comment:	4/4: Marked.			
Corrective Action:			Date:	
Type: Prime Mover	# 1			
Comment:	Gas engine.			
Corrective Action:			Date:	
Type: Vertical Heater Treater	# 1			
Comment:				
Corrective Action:			Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
			CENTRALIZED BATTERY		,	
Comment:		This Centralized Battery serves 3 Location IDs (305200, 331082, 331151).				
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	
PRODUCED WATER	1	OTHER	PBV FIBERGLASS		,	
Comment:						
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:		This is a skim tank connected to netted H2O pit. Located inside the earthen pit banks.		
Corrective Action:		Date:		

Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	2	300 BBLs	STEEL AST		40.626209,-104.107000	
Comment:		Equalizer line connects the 2 crude oil tanks. Oil tanks have rust and poor paint condition. Refer to Rule 804 for guidance. Original CA date(s) still applicable.				
Corrective Action:		Repair and paint tanks per Rule 804.				Date: 10/20/2017

Paint

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

Berms

Inspector Name: Evins, Bret

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate	
Comment:					
Corrective Action:				Date:	

Venting:

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected FacilitiesFacility ID: 275386 Type: WELL API Number: 123-22634 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____Comment: SI. Pumping unit not in operation. Records indicate well has been SI since 07/2018.

Corrective Action: _____ Date: _____

BradenHeadComment: Bradenhead now appears plumbed to surface.
The Corrective Action item for bradenhead plumbing from FIR #691200356 dated 08/16/2018 has been addressed.

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	Pass	Gravel	Pass			

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: NOPit ID: Lat: 40.626210Long: -104.107040Reference Point: SEOther: Length: Width: **Lining:**Liner Type: Liner Condition: Comment: Corrective Action: Date: **Fencing:**Fencing Type: LivestockFencing Condition: AdequateComment: Barbed wire fence surrounds pit.Corrective Action: Date: **Netting:**Netting Type: MeshNetting Condition: Good

Comment: 1.) Small grayish clear 3-4" diameter sheen appears on South edge of pit water. It does not appear to be hydrocarbon or emit hydrocarbon odor. Possibly could be from breakdown of small dried weed decomposition.
2.) A few gaps / holes still appear in netting on North side of pit. Net or fence pit to prevent access per Rule 902.d.
Any CA(s) from previous FIRs that have not been addressed are still applicable.
The original CA date still applies. Refer to Rule 902.d for guidance.

Corrective Action: Date: 07/27/2017Anchor Trench Present: Oil Accumulation: NO2+ feet Freeboard: YESComment:

Unpermitted produced water pit with adjacent fiberglass skim.
Refer to Rule 903 for guidance.
Any CA(s) from previous FIRs that have not been addressed are still applicable.
The original CA date still applies.

Corrective Action: Date: 08/04/2017Type: Produced WaterLined: NOPit ID: Lat: 40.626345Long: -104.107847Reference Point: NEOther: Length: 70Width: 14**Lining:**Liner Type: Liner Condition: Comment: Corrective Action: Date: **Fencing:**Fencing Type: Fencing Condition:

Comment:		Date:
Corrective Action		
Netting:		
Netting Type:	Netting Condition:	
Comment:		Date:
Corrective Action		
Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>
Comment:	Unpermitted pit appears behind produced oil tanks. Refer to Rule 903 for guidance. (15 Days).	
Corrective Action	Fill in depression to make level with gravel floor surrounding produced oil tanks, or Submit an eForm 15 Pit Report to update COGCC records with current information. Comply with Rule 903.	
		Date: <u>11/26/2018</u>

Attached Documents

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

Document Num	Description	URL
691200740	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4637945