

**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:

09/18/2018

Submitted Date:

09/18/2018

Document Number:

691200458**FIELD INSPECTION FORM**
 Loc ID 327361 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:**21 Number of Comments9 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
,		regulatory@foundationenergy.com	All Inspections
Allison, Rick		rick.allison@state.co.us	
Young, Rob		rob.young@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
246765	WELL	PR	02/01/2018	OW	123-14562	SOONER UNIT 6-21	PR

General Comment:

This is a WELL & BATTERY Inspection. Refer also to previous FIR #684903891 dated 7/7/2017.

Location

Lease Road:			
Type	Access		
comment:	Gravel & 2-Track Ag (Battery & Wells)		
Corrective Action	L	Date:	

Overall Good: ☒

Signs/Marker:			
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	UNUSED EQUIPMENT		
Comment:	Unused equipment in North treater house, outside of North treater house, and near East door of produced H2O tank room. Statewide unused equipment requirements (30 Days). Refer to Rule 603.f for guidance.		
Corrective Action:	Comply with Rule 603.f .	Date:	10/18/2018
Type	DEBRIS		
Comment:	Debris near East produced H2O tanks remains. Original CA date from previous FIR #684903891 dated 7/7/2017 remains applicable. Refer to Rule 603.f for guidance. Statewide waste, and trash requirements. (10 Days)		
Corrective Action:	Comply with Rule 603.f .	Date:	07/17/2017
Type	DEBRIS		
Comment:	Debris in produced H2O tank room behind Middle West & Middle East H2O tanks. Refer to Rule 603.f for guidance. Statewide waste, and trash requirements. (10 Days)		
Corrective Action:	Comply with Rule 603.f .	Date:	09/28/2018

Overall Good: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?

Fencing/:			
Type	WELLHEAD		
Comment:	Barbed wire		
Corrective Action:		Date:	
Type	PUMP JACK		
Comment:	iron mesh panel		
Corrective Action:		Date:	
Equipment:			corrective date
Type: Ancillary equipment	# 3		
Comment:	1 - Crude oil recycle pump w/ gas engine near crude oil tanks 1 - H2O transfer pump w/ gas engine near produced H2O tanks. 1 - H2O transfer pump w/ electric motor near produced H2O tanks.		
Corrective Action:		Date:	
Type: Vertical Separator	# 3		
Comment:			
Corrective Action:		Date:	
Type: Gas Meter Run	# 3		
Comment:			
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	Pump jack prime mover: Electric motor		
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:			
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 2		
Comment:	Stained soil at N heater treater. Stained soil in both treater houses. Original CA date from previous FIR #684903891 dated 7/7/2017 remains applicable.		
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. (30 Days)		Date: 08/07/2017
Type: Deadman # & Marked	# 2		
Comment:	4 anchors / 2-marked at Sooner Unit 6-21 wellsite. 2 - Unmarked guy line anchors. Refer to Rule 1003.a for guidance (15 Days).		
Corrective Action:	Install proper guy line markers per Rule 1003.a		Date: 10/03/2018
Type: Bird Protectors	# 2		
Comment:			
Corrective Action:		Date:	
Type: Pig Station	# 1		
Comment:			
Corrective Action:		Date:	
Type: Prime Mover	# 2		

Comment:	Injection pump (tri-plex). Injection pump driven by electric motor.		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
			CENTRALIZED BATTERY		,	
Comment:	This Centralized Battery serves all Sooner Unit producing and injection wells (UIC). 9 - producing wells 3 - UIC wells.					
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 STEEL		,	
Comment:	Produced H2O skim tank.					
Corrective Action:						Date:

Paint

Condition	Adequate				
Other (Content)					
Other (Capacity)	60 Bbls.				
Other (Type)					

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Comment:						
Corrective Action:					Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS	
PRODUCED WATER	1	300 BBLS	FIBERGLASS AST		,	
Comment:						
Corrective Action:						Date:

Paint

Condition	Adequate				
Other (Content)					
Other (Capacity)					

Other (Type)							
<u>Berms</u>							
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	2	400 BBLs	STEEL AST		40.651890,-103.869820		
Comment:		Stained soil at S tank. Rust at valve. Operator arrived at location advised that tank NOT-in-USE. Original CA date from previous FIR #684903891 dated 7/7/2017 remains applicable.					
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. (30 days for stained soil) Repair and paint tanks per Rule 804. (90 days for painting)					
		Date: <u>08/07/2017</u>					
<u>Paint</u>							
Condition	Inadequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							
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		
CRUDE OIL	4	300 BBLs	STEEL AST		40.652220,-103.869760		
Comment:		Equalizer line connects all 4 crude oil tanks. Stained soil at loadouts, drain lines, & at crude oil recycle pump. Original CA date from previous FIR #684903891 dated 7/7/2017 remains applicable.					
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: <u>08/15/2016</u>					
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							
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	5	300 BBLS	STEEL AST		
Comment:	North bank of produced H2O tanks. Near Injection pump house. Stained soil around tanks, including in pump house. See photos. Original CA date from previous FIR #684903891 dated 7/7/2017 remains applicable.				
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: 08/15/2016

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:

Venting:

Yes/No	NO		
Comment:			
Corrective Action:			Date:

Flaring:

Type			
Comment:			
Corrective Action:			Date:

Inspected Facilities									
Facility ID:	246765	Type:	WELL	API Number:	123-14562	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Power off to pump jack. Production valves at wellhead are open to flowline (Tubing & Casing).								
Corrective Action:								Date:	
BradenHead									
Comment:	Bradenhead is NOT plumbed to surface.								
Corrective Action:	Plumb bradenhead to surface. Mechanical conditions (30 Days). 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:	10/18/2018

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 PIT

Type: Lined: Pit ID: 112069 Lat: 40.651460 Long: -103.869821

Reference Point: Other: Length: Width:

Lining:Liner Type: Liner Condition: Comment: Corrective Action: Date: **Fencing:**Fencing Type: Fencing Condition: Comment: Corrective Action: Date: **Netting:**Netting Type: Netting Condition: Comment: Corrective Action: Date: Anchor Trench Present: Oil Accumulation: NO 2+ feet Freeboard: YESComment: Corrective Action: Date: **COGCC Comments**

Comment	User	Date
Field operator arrived on location at 4:30 pm. Operator advised that North treater is NOT-in-USE. Also advised that South rusty produced H2O tank is NOT-in-USE.	evinsb	09/18/2018

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

Document Num	Description	URL
401767341	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4582420
401767342	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4582419