

**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:

09/10/2018

Submitted Date:

09/10/2018

Document Number:

691200442

FIELD INSPECTION FORM

Loc ID 318871 Inspector Name: Evins, Bret 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: 30560
Name of Operator: FORTITUDE EXPLORATION CO
Address: P O BOX 5417
City: NAVARRE State: FL Zip: 32566

Findings:

- 24 Number of Comments
- 7 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Allison, Rick		rick.allison@state.co.us	
Culek, Joe		j.culek@charter.net	
Pesicka, Conor		conor.pesicka@state.co.us	
Cowan, Peter		picowan@blm.gov	BLM; federal/federal inspections
Koehler, Vernon E.	970-834-9272	vkoehler@fs.fed.us	USFS; federal/federal inspections
Young, Rob		rob.young@state.co.us	
Dillon, Gregory		gregory_dillon@yahoo.com	
Annable, Jim		jannable@blm.gov	BLM; federal/federal inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
242350	WELL	PR	03/14/2012	OW	123-10141	U S A 21-6	PR

General Comment:

[This is a WELL & BATTERY Inspection. Follow-up inspection to FIR #684901676 dated 7/12/2016.](#)

Location			
Lease Road:			
Type	Access		
comment:	Battery: Gravel Well: 2-Track Ag Road		
Corrective ActionL			Date:
Overall Good: <input checked="" type="checkbox"/>			
Signs/Marker:			
Type	BATTERY		
Comment:			
Corrective Action:			Date:
Type	TANK LABELS/PLACARDS		
Comment:	Capacity & Contents now posted for crude oil & produced H2O tanks. This addresses the previous CA from FIR #684901676 dated 7/12/2016. NFPA hazard label numbers are illegible on produced H2O tank. Signs and Markers General Condition. (60 Days).		
Corrective Action:	Install sign to comply with Rule 210.e.		Date: <u>11/09/2018</u>
Type	WELLHEAD		
Comment:	Wellhead sign now posted. This addresses the previous CA from FIR #684901676 dated 7/12/2016.		
Corrective Action:			Date:
Emergency Contact Number:			
Comment:	Emergency contact number now posted at tank battery. This addresses the previous CA from FIR #684901676 dated 7/12/2016.		
Corrective Action:			Date:
Good Housekeeping:			
Type	OTHER		
Comment:	Oily Waste at wellhead & pumpjack area. Partially full bucket of oily fluid, oily rag, oily used stuffing box packing on site. Properly treat or dispose of oily waste in accordance with Rule 907.e. (30 days).		
Corrective Action:	Comply with Rule 907.e.		Date: <u>10/10/2018</u>
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
PW/CO	WELLHEAD	<= 1 bbl	
Comment:	Pump jack stuffing box appears to have been leaking fluid (Crude Oil / Produced H2O). Small amounts of wet fluid accumulating on casing head and ground below. Not presently leaking. Remove or remediate stained soil. Mechanical Conditions. 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)		
Corrective Action:	Comply with Rule 605.d.		Date: <u>10/10/2018</u>

In Containment: Yes

Comment: Production fluid appears to remain in an area <= 2 feet in diameter.

Multiple Spills and Releases?

Fencing/:			
Type	PUMP JACK		
Comment:	Iron rod/pipe fence		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Iron rod/pipe fence		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Vertical Heater Treater	# 1		
Comment:	Stained soil appears inside of treater house near dump lines. Mechanical Conditions. 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).		
Corrective Action:	Comply with Rule 605.d.	Date:	10/10/2018
Type: Deadman # & Marked	# 4		
Comment:	4/4-marked		
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:	Stain on pump jack gearbox. Stained soil around pump jack base Remove or remediate stains on gearbox & soil. Mechanical Conditions. 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).		
Corrective Action:	Comply with Rule 605.d.	Date:	10/10/2018
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	Gas Engine. Stained soil near exhaust area and appears to have cleared. Larger stained area in engine house appears to have cleared. This addresses the previous CA from FIR #684901676 dated 7/12/2016. Stained soil appears near the base of gas engine. Mechanical Conditions. 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).		
Corrective Action:	Comply with Rule 605.d.	Date:	10/10/2018

Tanks and Berms:					
Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	300 BBLS	STEEL AST		40.962359,-103.687046
Comment:	Stained soil at loadout valves appears to have cleared. This addresses the previous CA from FIR #684901676 dated 7/12/2016. Equalizer line connects the crude oil & produced H2O tanks.				
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: Shares berms with produced H2O tank.				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	300 BBLs	STEEL AST		
Comment: Equalizer line connects the crude oil & produced H2O tanks.					
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: Shares berms with crude tank.				
Corrective Action:				Date:

Venting:

Yes/No	NO	
Comment:		
Corrective Action:		Date:

Flaring:

Type	
Comment:	
Corrective Action:	Date:

Inspected Facilities

Facility ID: 242350 Type: WELL API Number: 123-10141 Status: PR Insp. Status: PR

Producing Well

Comment: PR. Production valves open at well & treater. Pumping unit & engine not in operation at time of inspection

Corrective Action:

Date:

BradenHead

Comment: Bradenhead appears plumbed to surface.

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 PIT

Type: _____ Lined: _____ Pit ID: 118366 Lat: 40.962045 Long: -103.686917

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: _____ Liner Condition: _____

Comment:

Corrective Action

Date: c

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment:

Corrective Action

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment:

Corrective Action

Date: 10/10/2018

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

Comment:

Corrective Action

Date: 10/10/2018

Attached Documents

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

Document Num	Description	URL
401758639	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4574664
691200443	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4574663