

**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:
Operator Information:OGCC Operator Number: 30560Name of Operator: FORTITUDE EXPLORATION COAddress: P O BOX 5417City: NAVARRE State: FL Zip: 32566**Status Summary:**

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

Findings:24 Number of Comments7 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 | |
| Annable, Jim | | jannable@blm.gov | BLM; federal/federal inspections |
| Dillon, Gregory | | gregory_dillon@yahoo.com | |
| Koehler, Vernon E. | 970-834-9272 | vkoehler@fs.fed.us | USFS; federal/federal inspections |
| Cowan, Peter | | picowan@blm.gov | BLM; federal/federal inspections |
| Young, Rob | | rob.young@state.co.us | |

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 Action | L | | 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: | 11/09/2018 |
| 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: | 10/10/2018 |
| 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: 10/10/2018 |

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: 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 |
| Type: Bird Protectors | # 1 | | |
| Comment: | | | |
| Corrective Action: | | 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 |

Tanks and Berms:

| 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: | |
| 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: |

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: Skim pit appears to have been removed.

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 |
|--------------|-------------|---|
| 691200443 | Site photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4574663 |