

**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:

11/14/2019

Submitted Date:

11/14/2019

Document Number:

679601916

FIELD INSPECTION FORMLoc ID 428879 Inspector Name: Santistevan, Brittani On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 10110

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Address: 1001 17TH STREET #2000

City: DENVER State: CO Zip: 80202

Status Summary:

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

Findings:

20 Number of Comments

9 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 |
|----------------|-------|-----------------------------|-----------------|
| Pesicka, Conor | | conor.pesicka@state.co.us | |
| Graber, Nikki | | nikki.graber@state.co.us | |
| Kraich, Adam | | adam.kraich@state.co.us | |
| , | | cogccinspections@gwogco.com | All Inspections |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|--------------------|-------------|
| 428870 | WELL | TA | 01/31/2018 | OW | 123-35555 | Detterer FD 25-7D | SI |
| 428871 | WELL | TA | 01/31/2018 | OW | 123-35556 | Detterer FD 25-2D | SI |
| 428877 | WELL | SI | 08/01/2019 | OW | 123-35562 | Detterer FD 24-37D | TA |
| 428894 | WELL | TA | 01/31/2018 | OW | 123-35571 | Detterer FD 25-6D | SI |
| 428900 | WELL | SI | 04/01/2019 | OW | 123-35575 | Detterer FD 24-21D | SI |

General Comment:

LocationOverall Good: ☒

| | | | |
|----------------------|--|-------|------------|
| Signs/Marker: | | | |
| Type | BATTERY | | |
| Comment: | Adequate | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | Adequate (x5) | | |
| Corrective Action: | | Date: | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | No NFPA placard on h2o tank. See attached photo. | | |
| Corrective Action: | Install sign to Comply with Rule 210.d. | Date: | 12/14/2019 |

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

| | | | |
|--------------------|--|-------|------------|
| Type | WEEDS | | |
| Comment: | Weeds on west side of tank battery. See attached photo. | | |
| Corrective Action: | Comply with Rule 603.f. | Date: | 11/22/2019 |
| Type | OTHER | | |
| Comment: | Stained soil at each wellhead. See attached photos | | |
| Corrective Action: | Comply with Rule 1002.f.(2).d. | Date: | 12/14/2019 |
| Type | UNUSED EQUIPMENT | | |
| Comment: | Unused equipment inside gas meter house and near wellheads. See attached photo. | | |
| Corrective Action: | Comply with Rule 603.f. | Date: | 11/22/2019 |
| Type | TRASH | | |
| Comment: | 2 buckets of unknown substance in 2 different separator houses. See attached photos. | | |
| Corrective Action: | Comply with Rule 603.f. | Date: | 11/22/2019 |
| Type | UNUSED EQUIPMENT | | |
| Comment: | Unused risers near separators/ecds. See attached photo. | | |
| Corrective Action: | Comply with Rule 603.f. | Date: | 12/14/2019 |

Overall Good: ☐

| | | | |
|----------------|------|--------|--|
| Spills: | | | |
| Type | Area | Volume | |

In Containment: No

Comment:

☐ Multiple Spills and Releases?

| | | | |
|------------------|----------|--|--|
| Fencing/: | | | |
| Type | WELLHEAD | | |

| | | | | | |
|-------------------------------------|--|--|--|-------|--|
| Comment: Panel (x5) | | | | | |
| Corrective Action: | | | | Date: | |

| | | | | | |
|--|-----|----------------------------------|-----------------|--|--|
| Equipment: | | | corrective date | | |
| Type: Emission Control Device | # 2 | | | | |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |
| Type: Pig Station | # 1 | | | | |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |
| Type: Bird Protectors | # 8 | | | | |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |
| Type: Horizontal Heated Separator | # 6 | | | | |
| Comment: Separators are not anchored. See attached photos. | | | | | |
| Corrective Action: Anchor equipment ensuring anchors are engineered so the equipment will resist flotation, collapse, lateral movement, or subsidence per Rule 603.h.(2)B. Refer to the 603.h guidance document for further details. | | Date: 12/14/2019 | | | |
| Type: Gas Meter Run | # 1 | | | | |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |
| Type: Bradenhead | # 5 | | | | |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |
| Type: Plunger Lift | # 5 | | | | |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |

| | | | | | |
|-------------------------|---|----------|----------------|---------|--------|
| Tanks and Berms: | | | | | |
| Contents | # | Capacity | Type | Tank ID | SE GPS |
| PRODUCED WATER | 1 | OTHER | PBV FIBERGLASS | | , |
| Comment: | | | | | |
| Corrective Action: | | Date: | | | |

| | |
|---------------------------|----------|
| Paint | |
| Condition | Adequate |
| Other (Content) | |
| Other (Capacity) 150 BBLS | |
| Other (Type) | |

| | | | | |
|---|----------|---------------------|---------------------|-------------|
| Berms | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| | | | | |
| Comment: Shares containment with other tanks. | | | | |

| | | | | | | |
|--|---|----------|-----------|---------|------------------|--|
| Corrective Action: | | | | | Date: | |
| Contents | # | Capacity | Type | Tank ID | SE GPS | |
| CRUDE OIL | 6 | 300 BBLS | STEEL AST | | , | |
| Comment: Tanks are not anchored. See attached photos. | | | | | | |
| Corrective Action: Anchor equipment ensuring anchors are engineered so the equipment will resist flotation, collapse, lateral movement, or subsidence per Rule 603.h.(2)B. Refer to the 603.h guidance document for further details. | | | | | Date: 12/14/2019 | |

Paint

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

Berms

| | | | | |
|--|----------|---------------------|---------------------|------------------|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| Earth | Adequate | Walls Insufficient | Base Sufficient | Adequate |
| Comment: Inadequate berm surrounding tank battery. See attached photo. | | | | |
| Corrective Action: Location is within a floodplain, containment berms around the tanks must be made of steel or another engineer equivalent per Rule 603.h.(2)C. Refer to the 603.h guidance document for further details. | | | | Date: 12/14/2019 |

Venting:

| | | |
|--------------------|----|-------|
| Yes/No | NO | |
| Comment: | | |
| Corrective Action: | | Date: |

Flaring:

| | |
|--------------------|-------|
| Type | |
| Comment: | |
| Corrective Action: | Date: |

Inspected FacilitiesFacility ID: 428870 Type: WELL API Number: 123-35555 Status: TA Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily AbandonedReminder: PRODUCTION RECORDSComment: SICorrective Action: Date: Facility ID: 428871 Type: WELL API Number: 123-35556 Status: TA Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily AbandonedReminder: PRODUCTION RECORDSComment: SICorrective Action: Date: Facility ID: 428877 Type: WELL API Number: 123-35562 Status: SI Insp. Status: TA**Idle Well**Purpose: ☐ Shut In ☒ Temporarily AbandonedReminder: EQUIPMENT PRESENT/DISCONNECTEDComment: TACorrective Action: Date: Facility ID: 428894 Type: WELL API Number: 123-35571 Status: TA Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily AbandonedReminder: PRODUCTION RECORDSComment: SICorrective Action: Date: Facility ID: 428900 Type: WELL API Number: 123-35575 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily AbandonedReminder: PRODUCTION RECORDSComment: SICorrective 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**COGCC Comments**

| Comment | User | Date |
|---|----------|------------|
| <p>THIS IS A FOLLOW UP INSPECTION TO PREVIOUS INSPECTION DOC#:696300150. All corrective actions assigned in previous inspection DOC#: 696300150 have been resolved. New corrective actions have been assigned to this location. Please refer to my inspection, inspection summary, photos and previous inspection DOC#: 696300150 for additional information on this location.</p> <p>COGCC Inspection Report Summary On Thursday, November 14, 2019 at approximately 11:55, I, Inspector Brittani Santistevan, conducted an on-site inspection at DETTERER FD PAD 25-2D (Great Western Oil & Gas), at location #: 428879 in WELD COUNTY Colorado. While there, I observed shut in wellheads, one temporarily abandoned wellhead and shut down tank battery. During this inspection the following possible compliance issues were observed: 1. Stained soil at each wellhead. PLEASE REMOVE SOIL AND COMPLY WITH RULE 1002.F.(2).D. (Corrective Action Date: December 14, 2019) See attached photos #2-17. 2. Unused equipment near wellheads, inside gas meter house, and unused risers near separators. PLEASE REMOVE AND COMPLY WITH RULE 603.F. (Corrective Action Date FOR UNUSED EQUIPMENT BY WELLHEADS AND INSIDE GAS METER HOUSE: November 22, 2019) (Corrective Action Date FOR UNUSED RISERS: December 14, 2019) See attached photos #18, 19, 37. 3. Weeds west of tank battery. PLEASE REMOVE AND COMPLY WITH RULE 603.F. (Corrective Action Date: November 22, 2019) See attached photo #20. 4. 2 buckets of unknown substance in two different separator housing. PLEASE REMOVE AND COMPLY WITH RULE 603.F. (Corrective Action Date: November 22, 2019) See attached photos #21-24. 5. Inadequate berm surrounding tank battery. According to COGCC Maps, location is within floodplains. COMPLY WITH RULE 603.H.(2).C (Corrective Action Date: December 14, 2019) See attached photo #26. 6. No NFPA placard on produced water tank. INSTALL SIGN TO COMPLY WITH RULE 210.D. (Corrective Action Date: December 14, 2019) See attached photo #27. 7. Tanks and separators are not anchored. According to COGCC Maps, location is within floodplains. COMPLY WITH RULE 603.H.(2).B. (Corrective Action Date: December 14, 2019) See attached photos #27-37.</p> <p>A follow up on this site inspection needs to be conducted to ensure the compliance issues have been corrected to comply with COGCC rules. This is a summary of inspection report.</p> <p>Continuing Education Inspection.</p> | santistb | 11/14/2019 |

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

| Document Num | Description | URL |
|--------------|-------------------------|---|
| 402239965 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4989010 |
| 679601917 | Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4989000 |