

**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:

07/11/2018

Submitted Date:

07/13/2018

Document Number:

691200244

FIELD INSPECTION FORM

Loc ID 306312 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: 10110
Name of Operator: GREAT WESTERN OPERATING COMPANY LLC
Address: 1001 17TH STREET #2000
City: DENVER State: CO Zip: 80202

Findings:

- 23 Number of Comments
- 4 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

| Contact Name | Phone | Email | Comment |
|--------------|-------|-----------------------------|---------------------------------|
| | | cogccinspections@gwogco.com | All Inspections |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 287755 | WELL | SI | 04/01/2018 | GW | 123-24412 | CACHE 8-34 | SI |

General Comment:

| Location | | | |
|--|---|--------|------------|
| Lease Road: | | | |
| Type | Main | | |
| comment: | Main road to Cache 8-34 (API# 05-123-24412), Cache 8-13 (API# 05-123-24410), Cache 8-23 (API# 05-123-24411), Cache 8-24 (API# 05-123-25427), Cache 8-33 (API# 05-123-25665), Cornish 8-53 (API# 05-123-32190) is adequate. | | |
| Corrective ActionL | | Date: | |
| Type | Access | | |
| comment: | Access road to Cache 8-34 (API# 05-123-24412) is adequate. 2-Track Ag road. | | |
| Corrective ActionL | | Date: | |
| Overall Good: <input checked="" type="checkbox"/> | | | |
| Signs/Marker: | | | |
| Type | WELLHEAD | | |
| Comment: | No wellhead sign posted. | | |
| Corrective Action: | Install sign to comply with rule 210.b. | Date: | 09/11/2018 |
| Emergency Contact Number: | | | |
| Comment: | No emergency contact number at wellhead. | | |
| Corrective Action: | Install sign to comply with rule 210.b. | Date: | 08/13/2018 |
| Good Housekeeping: | | | |
| Type | TRASH | | |
| Comment: | Trash (Bucket with fluid has oil sheen, rags, old tools, fittings) inside of east separator doghouse. | | |
| Corrective Action: | Comply with Rule 603.f . | Date: | 07/23/2018 |
| Type | OTHER | | |
| Comment: | Stained soil outside of compressor skid. Gas Jack compressor appears to be not in operation. 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. | | |
| Corrective Action: | Comply with rule 605.d. | Date: | 08/13/2018 |
| Overall Good: <input type="checkbox"/> | | | |
| Spills: | | | |
| Type | Area | Volume | |
| In Containment: No | | | |
| Comment: | | | |
| <input type="checkbox"/> Multiple Spills and Releases? | | | |
| Fencing/: | | | |
| Type | SEPARATOR | | |
| Comment: | Cache 8-34 (API# 05-123-24412), Cache 8-13 (API# 05-123-24410), Cache 8-23 (API# 05-123-24411), Cache 8-24 (API# 05-123-25427), Cache 8-33 (API# 05-123-25665), Cornish 8-53 (API# 05-123-32190) Separators have barbed wire fencing. | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | Cache 8-34 (API# 05-123-24412) has iron panel fencing. | | |

| | | | |
|-----------------------------------|---|-------|-----------------|
| Corrective Action: | | Date: | |
| Type | TANK BATTERY | | |
| Comment: | Cache 8-34 (API# 05-123-24412), Cache 8-13 (API# 05-123-24410), Cache 8-23 (API# 05-123-24411), Cache 8-24 (API# 05-123-25427), Cache 8-33 (API# 05-123-25665), Cornish 8-53 (API# 05-123-32190) Tank battery has barbed wire fencing. | | |
| Corrective Action: | | Date: | |
| Type | IGNITOR/COMBUSTOR | | |
| Comment: | Cache 8-34 (API# 05-123-24412), Cache 8-13 (API# 05-123-24410), Cache 8-23 (API# 05-123-24411), Cache 8-24 (API# 05-123-25427), Cache 8-33 (API# 05-123-25665), Cornish 8-53 (API# 05-123-32190) ECDs have barbed wire fencing. | | |
| Corrective Action: | | Date: | |
| Equipment: | | | corrective date |
| Type: Pig Station | # 1 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type: Plunger Lift | # 1 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type: Emission Control Device | # 3 | | |
| Comment: | North ECD is disconnected and not in operation. Middle & South ECDs (Controls oil tanks VOCs). | | |
| Corrective Action: | | Date: | |
| Type: Horizontal Heated Separator | # 4 | | |
| Comment: | <p>East separator has 2 commingled wells.</p> <p>1.) Cache 8-33 (API# 05-123-25665)</p> <p>2.) Cache 8-34 (API# 05-123-24412)</p> <p>East middle separator has 2 commingled wells.</p> <p>1.) Cache 8-23 (API# 05-123-24411)</p> <p>2.) Cache 8-24 (API# 05-123-25427)</p> <p>West middle separator has 1 well.</p> <p>1.) Cache 8-13 (API# 05-123-24410)</p> <p>West separator has 1 well.</p> <p>1.) Cornish 8-53 (API# 05-123-32190)</p> | | |
| Corrective Action: | | Date: | |
| Type: Gas Meter Run | # 5 | | |
| Comment: | 1 - Master / Primary Gas Meter Run 4 - Secondary Gas Meter Runs | | |
| Corrective Action: | | Date: | |
| Type: Ancillary equipment | # 1 | | |
| Comment: | Chemical pump, tank, and drip tray at primary Gas Meter Run (Methanol). | | |
| Corrective Action: | | Date: | |
| Type: Bird Protectors | # 7 | | |
| Comment: | | | |

| | | | |
|--------------------------|--|-------|--|
| Corrective Action: | | Date: | |
| Type: Compressor | # 1 | | |
| Comment: | Gas Jack compressor. Does Not appear to be in operation. | | |
| Corrective Action: | | Date: | |
| Type: Vertical Separator | # 1 | | |
| Comment: | 2-phase separator. | | |
| Corrective Action: | | Date: | |

Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|--------------------|---|----------|---------------------|---------|--------|
| | | | CENTRALIZED BATTERY | | |
| Comment: | This centralized battery serves 6 locations (306312, 306310, 306311, 309823, 309973, 419186). | | | | |
| 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) | 150 Bbls. |
| Other (Type) | |

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|--------------------|---------------------------------------|---------------------|---------------------|-------------|
| Earth | Adequate | Walls Sufficent | Base Sufficient | Adequate |
| Comment: | Shares berms with produced oil tanks. | | | |
| Corrective Action: | | | | Date: |

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|-----------|---|----------|-----------|---------|-----------------------|
| CRUDE OIL | 5 | 300 BBLS | STEEL AST | | 40.499062,-104.461664 |
| Comment: | East middle & East south produced oil tanks have a 4" equalizer line connecting them. West middle & West south produced oil tanks have a 4" equalizer line connecting them. | | | | |

| | |
|--------------------|-------|
| 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: 287755 Type: WELL API Number: 123-24412 Status: SI Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: _____

Comment: Observed well shut in at separator.

Corrective Action: _____ Date: _____

BradenHead

Comment: Bradenhead appears to be plumbed to surface.

Corrective Action: _____ Date: _____

Attached Documents

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

| Document Num | Description | URL |
|--------------|----------------------|---|
| 401702636 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4523033 |
| 691200245 | Site photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4523031 |