

**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:

02/08/2018

Submitted Date:

02/14/2018

Document Number:

688301187**FIELD INSPECTION FORM**

Loc ID 316968 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 94300Name of Operator: WARD & SON* ALFREDAddress: P O BOX 737City: OGALLALLA State: NE Zip: 69153**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**17 Number of Comments4 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

| Contact Name | Phone | Email | Comment |
|--------------|----------------|-----------------------|-----------|
| Young, Rob | | rob.young@state.co.us | COGCC EPS |
| Ward, Randy | (308) 280-0100 | randy@wardoil.com | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 233588 | WELL | PR | 11/20/2003 | OW | 121-05641 | PIERCE 1 | PR |

General Comment:Routine Inspection

LocationOverall Good: ☒

| | | | |
|----------------------|---|-------|------------|
| Signs/Marker: | | | |
| Type | CONTAINERS | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | BATTERY | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | Black fiberglass tank has no label. | | |
| Corrective Action: | Install sign to comply with Rule 210.d. | Date: | 04/16/2018 |
| Type | WELLHEAD | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

Emergency Contact Number:

Comment: 308-280-0100

Corrective Action:

Date: _____

Good Housekeeping:

| | | | |
|--------------------|---|-------|------------|
| Type | OTHER | | |
| Comment: | Valve leaks at crude oil tanks (see attached photos). | | |
| Corrective Action: | 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: | 02/15/2018 |

Overall Good: ☐**Spills:**

| | | | | |
|------|------|--------|--|--|
| Type | Area | Volume | | |
|------|------|--------|--|--|

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

| | | | |
|--------------------|--|-------|--|
| Type | TANK BATTERY | | |
| Comment: | pipe around tanks in tank battery, one piece knocked down and cows got in at time of inspection, operator contacted and landowner would be contacted | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | cattle wire panel | | |
| Corrective Action: | | Date: | |

Equipment:

| | | | |
|-----------------|--------------------|--|-----------------|
| Type: Pump Jack | # 1 | | corrective date |
| Comment: | chemical container | | |

| | | | |
|---------------------------------|---------------------------|-------|--|
| Corrective Action: | | Date: | |
| Type: Vertical Heated Separator | # 1 | | |
| Comment: | in building | | |
| Corrective Action: | | Date: | |
| Type: Prime Mover | # 1 | | |
| Comment: | electric motor, REA poles | | |
| Corrective Action: | | Date: | |
| Type: Deadman # & Marked | # 4 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

Tanks and Berms:

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

Paint

| | |
|------------------|----------|
| Condition | |
| Other (Content) | |
| Other (Capacity) | no label |
| Other (Type) | |

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|--------------------|----------|---------------------|---------------------|-------------|
| Earth | Adequate | Walls Sufficent | Base Sufficent | Adequate |
| Comment: | | | | |
| Corrective Action: | | | | Date: |

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|--------------------|---|----------|-----------|---------|--------|
| CRUDE OIL | 1 | 300 BBLS | STEEL AST | | , |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

Paint

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

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|--------------------|-------------------------------------|---------------------|---------------------|-------------|
| | | | | |
| Comment: | in berms with black fiberglass tank | | | |
| Corrective Action: | | | | Date: |

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|----------|---|----------|------|---------|--------|
| | | | | | |

| | | | | | | |
|--------------------|--------------------|---------------------|---------------------|-------------|---|-------|
| CRUDE OIL | 2 | 400 BBLs | STEEL AST | | , | |
| Comment: | | | | | | |
| Corrective Action: | | | | | | Date: |
| Paint | | | | | | |
| Condition | | | | | | |
| Other (Content) | | | | | | |
| Other (Capacity) | | | | | | |
| Other (Type) | | | | | | |
| Berms | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Earth | Adequate | Walls Sufficient | Base Sufficient | Adequate | | |
| Comment: | cows were in berms | | | | | |
| Corrective Action: | | | | | | Date: |
| Venting: | | | | | | |
| Yes/No | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | | Date: |
| Flaring: | | | | | | |
| Type | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | | Date: |

Location Construction

Location ID: 233588 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: No COAs.

Corrective Action: _____

Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____

Date: _____

Comment: _____

Corrective Action: _____

Date: _____

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____

Address: _____

Phone Number: _____

Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____

Phone Number: _____

Date Onsite Request Received: _____

Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____

Phone Number: _____

Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

| Inspected Facilities | | | | | | | | | |
|----------------------|---|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID: | 233588 | Type: | WELL | API Number: | 121-05641 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | PR. Nov 2017 production reported to COGCC database. | | | | | | | | |
| Corrective Action: | | | | | | | | Date: | |

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: pasture**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____

Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment _____

Corrective Action _____ Date _____

Overall Interim Reclamation**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads _____ Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: _____

Corrective Action: _____ Date _____

Overall Final Reclamation _____ Well Release on Active Location ☐ Multi-Well Location ☐

Storm Water:

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|--|--------------------------|---------|
| Compaction | Pass | Compaction | Pass | Material Handling And Spill Prevention | Pass | |
| Gravel | Pass | Gravel | Pass | | | |

Comment:

Corrective Action:

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PITType: Skimming/SettlingLined: NO

Pit ID: _____

Lat: _____

Long: _____

Reference Point: _____

Other: _____

Length: _____

Width: _____

Lining:

Liner Type: _____

Liner Condition: _____

Comment:

Corrective Action

Date: c**Fencing:**Fencing Type: LivestockFencing Condition: Adequate

Comment:

Corrective Action

Date: _____

Netting:Netting Type: Metal Grid

Netting Condition: _____

Comment:

Corrective Action

Date: _____

Anchor Trench Present: _____

Oil Accumulation: YES

2+ feet Freeboard: _____

Comment:

Unline skim pit will be remediated.

Corrective Action

Contact COGCC EPS.Date: 02/21/2018Type: Produced WaterLined: NO

Pit ID: _____

Lat: _____

Long: _____

Reference Point: _____

Other: _____

Length: _____

Width: _____

Lining:

Liner Type: _____

Liner Condition: _____

Comment:

Corrective Action

Date: c**Fencing:**Fencing Type: LivestockFencing Condition: Adequate

Comment:

Corrective Action

Date: _____

Netting:

Netting Type: _____

Netting Condition: _____

| | | |
|------------------------|--|-------------------------------|
| Comment: | | Date: |
| Corrective Action | | |
| Anchor Trench Present: | Oil Accumulation: <u>YES</u> | 2+ feet Freeboard: <u>YES</u> |
| Comment: | See attached photo of oil stained soils on inside pit berms. | |
| Corrective Action | Properly treat or dispose of oily waste in accordance with Rule 907.e. Contact area COGCC EPS. | |
| | | Date: <u>03/15/2018</u> |

Attached Documents

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

| Document Num | Description | URL |
|--------------|-------------------------------|---|
| 688301198 | Ward & Son Alfred Pierce 1 | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4378209 |