

**FORM
INSP**Rev
05/11**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:

03/10/2016

Document Number:

673712875

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

| | | | | | |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
| | 234901 | 317044 | Sherman, Susan | <input type="checkbox"/> | |

Operator Information:OGCC Operator Number: 95620Name of Operator: WESTERN OPERATING COMPANYAddress: 518 17TH ST STE 200City: DENVER State: CO Zip: 80202

- ☐ THIS IS A FOLLOW UP INSPECTION
☒ FOLLOW UP INSPECTION REQUIRED
☐ NO FOLLOW UP INSPECTION REQUIRED
☒ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

| Contact Name | Phone | Email | Comment |
|--------------|----------------|----------------------------|-----------|
| Hart, Dale | | dalehart@fairpoint.net | |
| James, Steve | (303) 893-2438 | steve@westernoperating.com | President |

Compliance Summary:QtrQtr: SWNE Sec: 11 Twp: 2N Range: 54W

| Insp. Date | Doc Num | Insp. Type | Insp Status | Satisfactory /Action Required | PA P/F/I | Pas/Fail (P/F) | Violation (Y/N) |
|------------|-----------|------------|-------------|-------------------------------|----------|----------------|-----------------|
| 06/05/2014 | 673703790 | PR | PR | ACTION REQUIRED | | | No |
| 08/31/2012 | 663300530 | PR | PR | SATISFACTORY | P | | No |
| 09/28/2010 | 200280324 | ES | PR | SATISFACTORY | | | No |
| 06/02/2010 | 200255484 | ES | PR | ACTION REQUIRED | | | No |
| 03/02/2010 | 200233751 | ES | PR | ACTION REQUIRED | | | Yes |
| 02/13/2010 | 200231283 | CO | PR | ACTION REQUIRED | | | No |
| 07/09/2003 | 200041596 | PR | PR | ACTION REQUIRED | | Fail | Yes |
| 07/15/1997 | 500158868 | PR | PR | | | Pass | No |
| 05/06/1997 | 500158867 | CO | | | | | |
| 04/25/1997 | 500158866 | PR | PR | | | Fail | Yes |
| 03/06/1997 | 500158865 | SR | PR | | | Fail | Yes |
| 03/04/1997 | 500158864 | CO | | | | | |
| 12/12/1995 | 500158863 | CO | | | | | |
| 10/06/1995 | 500158858 | PR | PR | | | Pass | No |
| 09/11/1995 | 500158857 | PR | PR | | | Pass | Yes |
| 09/06/1995 | 500158856 | PR | PR | | | Fail | Yes |
| 08/29/1995 | 500158855 | PR | PR | | | Fail | Yes |
| 08/29/1995 | 500158854 | | | | | | |

Inspector Comment:

Related Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status | |
|-------------|------|--------|-------------|------------|-----------|---------------------|-------------|-------------------------------------|
| 234901 | WELL | PR | 10/15/2011 | OW | 121-07044 | XENIA WEST UNIT 3-2 | PR | <input checked="" type="checkbox"/> |

Equipment:Location Inventory

| | | | |
|------------------------------|------------------------|---------------------|-------------------------|
| Special Purpose Pits: _____ | Drilling Pits: _____ | Wells: _____ | Production Pits: _____ |
| Condensate Tanks: _____ | Water Tanks: _____ | Separators: _____ | Electric Motors: _____ |
| Gas or Diesel Mortors: _____ | Cavity Pumps: _____ | LACT Unit: _____ | Pump Jacks: _____ |
| Electric Generators: _____ | Gas Pipeline: _____ | Oil Pipeline: _____ | Water Pipeline: _____ |
| Gas Compressors: _____ | VOC Combustor: _____ | Oil Tanks: _____ | Dehydrator Units: _____ |
| Multi-Well Pits: _____ | Pigging Station: _____ | Flare: _____ | Fuel Tanks: _____ |

Location**Lease Road:**

| Type | Satisfactory/Action Required | comment | Corrective Action | Date |
|------|------------------------------|---------|-------------------|------|
| | | | | |

Signs/Marker:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|----------------------|------------------------------|--------------------------|-------------------|---------|
| BATTERY | SATISFACTORY | | | |
| TANK LABELS/PLACARDS | SATISFACTORY | | | |
| OTHER | SATISFACTORY | lease sign @ CR T and 40 | | |
| CONTAINERS | SATISFACTORY | | | |
| WELLHEAD | SATISFACTORY | | | |

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|------|------------------------------|---------|-------------------|---------|
| | | | | |

Spills:

| Type | Area | Volume | Corrective action | CA Date |
|------|------|--------|-------------------|---------|
|------|------|--------|-------------------|---------|

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

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|--------------|------------------------------|-------------|-------------------|---------|
| WELLHEAD | SATISFACTORY | hog panels | | |
| TANK BATTERY | SATISFACTORY | barbed wire | | |

| | | | |
|---------------------------------|------|--|--------------|
| Equipment: | | | |
| Type: Submersible Pump | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | at wellhead | |
| Corrective Action | | Date: | |
| Type: Gas Meter Run | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | shed on NE corner of produced water tank bermed area | |
| Corrective Action | | Date: | |
| Type: Horizontal Heater Treater | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | shed near 3-300 BBL produced water tanks | |
| Corrective Action | | Date: | |
| Type: Other | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | pump in shed next to 3-300 BBL produced water tanks, running | |
| Corrective Action | | Date: | |
| Type: Vertical Separator | # 3 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | 1 partially buried at GMR shed, one in shed next to VHT, and one outside of separator shed | |
| Corrective Action | | Date: | |
| Type: Ancillary equipment | # 10 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | 4 chemical containers, solar panel on GMR, 2 YW poles, gas scrubber, 2 electric panels | |
| Corrective Action | | Date: | |
| Type: FWKO | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | between 3-300 BBL produced water tanks and VHT | |
| Corrective Action | | Date: | |
| Type: Bird Protectors | # 2 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | on VHT and smoke stack | |
| Corrective Action | | Date: | |

| | | | |
|--------------------|--------------|-----------------------------------|----------------|
| Facilities: | | <input type="checkbox"/> New Tank | Tank ID: _____ |
| Contents | # | Capacity | Type |
| PRODUCED WATER | 1 | 200 BBLs | STEEL AST |
| S/AR | SATISFACTORY | Comment: | |
| Corrective Action: | | Corrective Date: | |

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

| | | | | |
|--------------|----------|---------------------|---------------------|-------------|
| Berms | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| | | | | |

Inspector Name: Sherman, Susan

| | | | | | | |
|---|---|---------------------|---|-----------------------|----------------------|--|
| Corrective Action | | | | | Corrective Date | |
| Comment | same berms as 3-300 BBL produced water tanks | | | | | |
| Facilities: <input type="checkbox"/> New Tank Tank ID: _____ | | | | | | |
| Contents | # | Capacity | Type | SE GPS | | |
| PRODUCED WATER | 3 | 300 BBLS | STEEL AST | 40.156150,-103.382310 | | |
| S/AR | | | Comment: SE tank outside stained with oil (see attached photo). | | | |
| Corrective Action: | | | | | Corrective Date: | |
| <u>Paint</u> | | | | | | |
| Condition | | | | | | |
| Other (Content) _____ | | | | | | |
| Other (Capacity) _____ | | | | | | |
| Other (Type) _____ | | | | | | |
| <u>Berms</u> | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Earth | Adequate | Walls Sufficient | Base Sufficient | Adequate | | |
| Corrective Action | | | | | Corrective Date | |
| Comment | | | | | | |
| Facilities: <input type="checkbox"/> New Tank Tank ID: _____ | | | | | | |
| Contents | # | Capacity | Type | SE GPS | | |
| CRUDE OIL | 3 | 300 BBLS | STEEL AST | 40.155850,-103.382280 | | |
| S/AR | SATISFACTORY | | Comment: PCC container at truckload stained with oil (see attached photo) | | | |
| Corrective Action: | | | | | Corrective Date: | |
| <u>Paint</u> | | | | | | |
| Condition | Adequate | | | | | |
| Other (Content) _____ | | | | | | |
| Other (Capacity) _____ | | | | | | |
| Other (Type) _____ | | | | | | |
| <u>Berms</u> | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Earth | Adequate | Walls Sufficient | Base Sufficient | Adequate | | |
| Corrective Action | | | | | Corrective Date | |
| Comment | | | | | | |
| Venting: | | | | | | |
| Yes/No | YES | | | | | |
| Comment | From smoke stack at 300 BBL produced water tanks. | | | | | |
| Flaring: | | | | | | |
| Type | | | Satisfactory/Action Required | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Correct Action Date: | |

Predrill

Location ID: 234901

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/AR: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

S/AR: SATISFACTORY

Comment: No COAs.

CA: _____

Date: _____

Wildlife BMPs:

S/AR: _____ Comment: _____

CA: _____

Date: _____

Comment: _____

Staking:**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:

Facility

Facility ID: 234901 Type: WELL API Number: 121-07044 Status: PR Insp. Status: PR

Producing Well

Comment: PR. Dec 2015 reported to COGCC database.

Environmental**Spills/Releases:**

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

DWR Receipt Num: _____ Owner Name: _____ GPS : _____ Lat _____ Long _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

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

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

Land Use: _____

Comment: pasture with center pivot field ~600 SW of pit1003a. Waste and Debris removed? Pass

CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass

CM _____

CA _____ CA Date _____

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

CM _____

CA _____ CA Date _____

Guy line anchors marked? Pass

CM _____

CA _____ CA 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 _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

Inspector Name: Sherman, Susan

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 _____

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 | MHSP | Pass | |
| Gravel | Pass | Gravel | Pass | | | |
| Rip Rap | Pass | | | | | |
| Waddles | Pass | | | | | |

S/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment: Waddles and river rock/rip rap installed throughout tank battery area.

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Inspector Name: Sherman, Susan

Pit Type: Produced Water Lined: NO Pit ID: Lat: 40.152970 Long: -103.382050

Lining:

Liner Type: Liner Condition:

Comment:

Fencing:

Fencing Type: Livestock Fencing Condition: Adequate

Comment: Fence around pit added since last inspection.

Netting:

Netting Type: Netting Condition:

Comment:

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

Pit (S/A/V): ACTION Comment: Low spot on western produced water pit complex berm just south of red gravel on top of NW berm. Photo attached is in grasses and difficult to see water level. Pumper contacted immediately on 3/10/2016. On 3/11/2016 pumper had scheduled work to be done on the berm the week of 3/14/2016 by landowner. Rain not forecasted in the area until Friday, 3/18/2016. Mallards, Redhead ducks and Canadian geese observed on pond.

Corrective Action: Maintain 2' freeboard in unlined produced water pit on west pit berm ASAP. Date:

Pit Type: Skimming/Settling Lined: YES Pit ID: Lat: 40.156150 Long: -103.382310

Lining:

Liner Type: HDPE Liner Condition: Adequate

Comment:

Fencing:

Fencing Type: Netting/Fen Fencing Condition: Adequate

Comment: rabbit wire on sides

Netting:

Netting Type: Mesh Netting Condition: Good

Comment:

Anchor Trench Present: YES Oil Accumulation: YES 2+ feet Freeboard:

Pit (S/A/V): SATISFACTOR Comment: Verify location of 2' freeboard marker in skim pit with Field Inspector. Skim pit off gasing/hot water at time of inspection. Discharging to pit complex at time of inspection.

Corrective Action: Date:

COGCC Comments

| Comment | User | Date |
|--|-----------------|-------------------|
| <u>Corrective actions from inspection #673703790 were completed.</u> | <u>ShermaSe</u> | <u>03/11/2016</u> |

Attached Documents

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

| Document Num | Description | URL |
|------------------|--|--|
| <u>673712891</u> | <u>Western Operating Xenia West Unit 3-2</u> | <u>http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3804482</u> |