

**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:

06/20/2016

Document Number:

681901048

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

| | | | | | |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
| | 434399 | 434399 | HELGELAND, GARY | <input type="checkbox"/> | |

Operator Information:OGCC Operator Number: 10110Name of Operator: GREAT WESTERN OPERATING COMPANY LLCAddress: 1801 BROADWAY #500City: 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 |
|---------------|----------------|----------------------|---|
| Musgrave, Tim | 1-970-768-6097 | tmusgrave@gwogco.com | Send all insp to him he will distribute |

Compliance Summary:QtrQtr: NENE Sec: 18 Twp: 1S Range: 67W**Inspector Comment:****Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status | |
|-------------|------|--------|-------------|------------|-----------|-------------------------|-------------|-------------------------------------|
| 434393 | WELL | PR | 05/19/2014 | OW | 001-09772 | Willow Bend LD 18-22HN | PR | <input checked="" type="checkbox"/> |
| 434394 | WELL | DG | 12/06/2014 | OW | 001-09773 | Willow Bend LD 18-23HN | DG | <input checked="" type="checkbox"/> |
| 434395 | WELL | PR | 05/20/2014 | OW | 001-09774 | Willow Bend 18-22HC | PR | <input checked="" type="checkbox"/> |
| 434396 | WELL | DG | 12/04/2014 | OW | 001-09775 | Willow Bend LD 18-37HN | DG | <input checked="" type="checkbox"/> |
| 434398 | WELL | DG | 12/02/2014 | LO | 001-09776 | Willow Bend LD 18-23HC | DG | <input checked="" type="checkbox"/> |
| 434403 | WELL | DG | 12/05/2014 | OW | 001-09777 | Willow Bend LD 18-366HC | DG | <input checked="" type="checkbox"/> |
| 439683 | WELL | DG | 12/02/2014 | LO | 001-09832 | Willow Bend 18-361HN | DG | <input checked="" type="checkbox"/> |
| 440563 | WELL | DG | 02/20/2015 | OW | 001-09841 | Willow Bend LD 18-361HC | DG | <input checked="" type="checkbox"/> |

Equipment:**Location Inventory**

| | | | |
|------------------------------|-------------------------|----------------------|-------------------------|
| Special Purpose Pits: _____ | Drilling Pits: _____ | Wells: <u>8</u> | Production Pits: _____ |
| Condensate Tanks: _____ | Water Tanks: <u>4</u> | Separators: <u>8</u> | Electric Motors: _____ |
| Gas or Diesel Mortors: _____ | Cavity Pumps: _____ | LACT Unit: _____ | Pump Jacks: _____ |
| Electric Generators: _____ | Gas Pipeline: _____ | Oil Pipeline: _____ | Water Pipeline: _____ |
| Gas Compressors: <u>2</u> | VOC Combustor: <u>4</u> | Oil Tanks: <u>18</u> | Dehydrator Units: _____ |
| Multi-Well Pits: _____ | Pigging Station: _____ | Flare: <u>2</u> | 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 | | | |
| WELLHEAD | SATISFACTORY | | | |
| TANK LABELS/PLACARDS | ACTION REQUIRED | No placard on produced water tanks. | Install sign to comply with rule 210. | 07/20/2016 |

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|------------------|------------------------------|------------------------------|--------------------------|------------|
| UNUSED EQUIPMENT | ACTION REQUIRED | Unused equipment on location | Remove unused equipment. | 07/20/2016 |

Spills:

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

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

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|----------|------------------------------|---------|-------------------|---------|
| WELLHEAD | SATISFACTORY | PANEL | | |

Equipment:

| | | | |
|-----------------------------------|-----|-------------------------------|--------------|
| Type: Plunger Lift | # 6 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: _____ |
| Type: Emission Control Device | # 8 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: _____ |
| Type: Horizontal Heated Separator | # 6 | Satisfactory/Action Required: | SATISFACTORY |

| | | | |
|-----------------------|------|-------------------------------|--------------|
| Comment | | | |
| Corrective Action | | Date: | |
| Type: Other | # 8 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | cCHEMICAL TANKS | |
| Corrective Action | | Date: | |
| Type: Bird Protectors | # 14 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | Date: | |

Facilities: ☐ New Tank Tank ID: _____

| Contents | # | Capacity | Type | SE GPS |
|----------------|---|----------|---------------|--------|
| PRODUCED WATER | 2 | OTHER | BV FIBERGLASS | , |

| | | | |
|--------------------|-----------------|------------------|--|
| S/AR | ACTION REQUIRED | Comment: | |
| Corrective Action: | | Corrective Date: | |

Paint

| | |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) _____

Other (Capacity) UNKNOWN _____

Other (Type) _____

Berms

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

| | | | |
|-------------------|--|-----------------|--|
| Corrective Action | | Corrective Date | |
| Comment | | | |

Facilities: ☐ New Tank Tank ID: _____

| Contents | # | Capacity | Type | SE GPS |
|-----------|----|----------|-----------|-----------------------|
| CRUDE OIL | 16 | 300 BBLS | STEEL AST | 39.971460,-104.924070 |

| | | | |
|--------------------|--------------|------------------|--|
| 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 |
|-------|----------|---------------------|---------------------|-------------|
| Metal | Adequate | Walls Sufficient | Base Sufficient | Adequate |

| | | | |
|-------------------|--|-----------------|--|
| Corrective Action | | Corrective Date | |
| Comment | | | |

Venting:

| | |
|--------|----|
| Yes/No | NO |
|--------|----|

| | |
|---------|--|
| Comment | |
|---------|--|

Flaring:

| | | | |
|--------------------|------------------------------|----------------------|--|
| Type | Satisfactory/Action Required | | |
| Comment: | | | |
| Corrective Action: | | Correct Action Date: | |

Predrill

Location ID: 434399

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

| Group | User | Comment | Date |
|-------|---------|--|------------|
| OGLA | HouseyM | Operator shall submit a Form 42 to the COGCC 48 hours prior to commencement of construction activities. | 09/10/2014 |
| OGLA | HouseyM | Unnecessary or excessive flaring is prohibited. Operator shall direct all salable quality gas to a sales line as soon as practicable or shut in and conserved. | 10/31/2014 |
| OGLA | HouseyM | Operator shall use enclosed combustion during all stages of drilling and operations. | 10/31/2014 |

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

| BMP Type | Comment |
|--|---|
| Storm Water/Erosion Control | Storm Water Management Plans (SWMP) are in place to address construction, drilling and operations associated with Oil and Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE). BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation. |
| Material Handling and Spill Prevention | Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spills associated with Oil and Gas operations throughout the state of Colorado in accordance with CFR 112. In accordance with COGCC Rule 1002.f.(2)A. & B., shall provide a designated storage area for dry bulk chemicals and miscellaneous fluids. The storage area shall be covered to prevent contact of precipitation with chemicals, shall be elevated above storm- or standing water, and shall provide sufficient containment to prevent release of spilled fluids or chemicals from impacting soil, surface water or groundwater and will prevent the co-mingling of spilled fluids or chemicals with other E & P Waste. |
| Noise mitigation | Noise levels will be maintained at levels not to exceed COGCC specifications currently in existence, measured at a point 350' from the noise source, or as defined by current COGCC regulations. Where possible, drilling rig engine exhaust will be vented away from occupied buildings. Light sources will likewise be directed downwards, and away from occupied structures where possible. No special noise mitigation efforts should be required at this site. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site. |

| | |
|--|---|
| General Housekeeping | General housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with storm water runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly and promptly. |
| Material Handling and Spill Prevention | Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spills associated with Oil and Gas operations throughout the state of Colorado in accordance with CFR 112. In accordance with COGCC Rule 1002.f.(2)A. & B., shall provide a designated storage area for dry bulk chemicals and miscellaneous fluids. The storage area shall be covered to prevent contact of precipitation with chemicals, shall be elevated above storm- or standing water, and shall provide sufficient containment to prevent release of spilled fluids or chemicals from impacting soil, surface water or groundwater and will prevent the co-mingling of spilled fluids or chemicals with other E & P Waste. |
| Noise mitigation | Noise levels will be maintained at levels not to exceed COGCC specifications currently in existence, measured at a point 350' from the noise source, or as defined by current COGCC regulations. Where possible, drilling rig engine exhaust will be vented away from occupied buildings. Light sources will likewise be directed downwards, and away from occupied structures where possible. No special noise mitigation efforts should be required at this site. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site. |
| General Housekeeping | General housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with storm water runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly and promptly. |
| Storm Water/Erosion Control | Storm Water Management Plans (SWMP) are in place to address construction, drilling and operations associated with Oil and Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE). BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation. |

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: 434393 Type: WELL API Number: 001-09772 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 434394 Type: WELL API Number: 001-09773 Status: DG Insp. Status: DG

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 434395 Type: WELL API Number: 001-09774 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 434396 Type: WELL API Number: 001-09775 Status: DG Insp. Status: DG

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 434398 Type: WELL API Number: 001-09776 Status: DG Insp. Status: DG

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 434403 Type: WELL API Number: 001-09777 Status: DG Insp. Status: DG

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 439683 Type: WELL API Number: 001-09832 Status: DG Insp. Status: DG

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

Facility ID: 440563 Type: WELL API Number: 001-09841 Status: DG Insp. Status: DG

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA:

CA Date:

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): Y

Comment:

Pilot: ONWildlife Protection Devices (fired vessels): YES**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

Land Use: DRY LAND

Comment: _____

1003a. Waste and Debris removed? Pass

CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? _____

CM _____

CA _____ CA Date _____

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

CM _____

CA _____ CA Date _____

Guy line anchors marked? _____

CM _____

CA _____ CA Date _____

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

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? Pass

Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

Top soil replaced _____

Recontoured _____

Perennial forage re-established _____

Non-CroplandTop soil replaced PassRecontoured Pass80% Revegetation In

1003 f. Weeds Noxious weeds? _____

Comment: _____

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

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

Final Land Use: DRY LAND

Reminder: _____

Comment: _____

Well plugged _____

Pit mouse/rat holes, cellars backfilled _____

Inspector Name: HELGELAND, GARY

| | |
|---|---|
| Debris removed _____ | No disturbance /Location never built _____ |
| Access Roads _____ | Regraded _____ |
| Gravel removed _____ | Contoured _____ |
| _____ | Culverts 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 <input type="checkbox"/> Multi-Well Location <input type="checkbox"/> |

Storm Water:

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Gravel | Pass | Gravel | Pass | | | |

S/A/V: SATISFACTOR
Y _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Attached Documents

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

| Document Num | Description | URL |
|--------------|---------------------|---|
| 681901048 | INSPECTION APPROVED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3883246 |
| 681901049 | LOCATION | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3883240 |