

**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:

10/24/2017

Submitted Date:

10/25/2017

Document Number:

680001138**FIELD INSPECTION FORM**

Loc ID 321547 Inspector Name: QUINT, CRAIG On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 61650Name of Operator: MURFIN DRILLING COMPANY INCAddress: 250 N WATER ST STE 300City: WICHITA State: KS Zip: 67202**Status Summary:**

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

Findings:15 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

| Contact Name | Phone | Email | Comment |
|-----------------|-------------------|----------------------------------|---------|
| Leonard, Mike | | mike.leonard@state.co.us | |
| | | dnr_cogccengineering@state.co.us | |
| Esquivel, James | 620-272-4913 cell | 280189@pld.com | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 207105 | WELL | PR | 09/16/1987 | OW | 017-06040 | LOWE 3 | PR |

General Comment:

Location

| | | | |
|--------------------|-------------------------------|-------|--|
| Lease Road: | | | |
| Type | Access | | |
| comment: | Dirt road through farm ground | | |
| Corrective Action | | Date: | |

Overall Good: ☐

| | | | |
|----------------------|------------------------------------|-------|--|
| Signs/Marker: | | | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | Stickers | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | Lease sign mounted on pumping unit | | |
| Corrective Action: | | Date: | |
| Type | BATTERY | | |
| Comment: | Battery sign by tanks | | |
| Corrective Action: | | Date: | |

| | | | |
|---------------------------|----------------------|----------------------|--|
| Emergency Contact Number: | | | |
| Comment: | <input type="text"/> | | |
| Corrective Action: | <input type="text"/> | | |
| | Date: | <input type="text"/> | |

Overall Good: ☒

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

In Containment: No

Comment: ☐ Multiple Spills and Releases?

| | | | |
|--------------------|--|-------|--|
| Fencing/: | | | |
| Type | WELLHEAD | | |
| Comment: | Steel panels around all wellhead equipment | | |
| Corrective Action: | | Date: | |
| Type | TANK BATTERY | | |
| Comment: | Battery equipment fenced with wire | | |
| Corrective Action: | | Date: | |

| | | | |
|--------------------|------------|-------|-----------------|
| Equipment: | | | corrective date |
| Type: FWKO | # 1 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type: Pump Jack | # 1 | | |
| Comment: | 320 Lufkin | | |
| Corrective Action: | | Date: | |

| | | |
|---------------------------|---|------------------|
| Type: Prime Mover | # 1 | |
| Comment: | Elec motor | |
| Corrective Action: | | Date: |
| Type: Ancillary equipment | # 4 | |
| Comment: | Elec panel, (Cathodic rectifier, Elec panel, Elec meter on REA pole) | |
| Corrective Action: | | Date: |
| Type: Flow Line | # 11 | |
| Comment: | Observed 11 abandoned flowline/pipeline risers at battery. | |
| Corrective Action: | Contact the Engineering Integrity section to discuss flowline abandonment requirements per Rule 1103. Along with the rule, the COGCC Operator Guidance, Rules 1101, 1102, and 1103: Flowline Guidance 1101 and 1102 guidance document can provide further details. Contact dnr_cogccengineering@state.co.us with resolution plan | Date: 11/08/2017 |

Tanks and Berms:

| | | | | | |
|--------------------|---|----------|-----------|---------|-----------------------|
| Contents | # | Capacity | Type | Tank ID | SE GPS |
| CRUDE OIL | 2 | 400 BBLs | STEEL AST | | 38.682120,-102.411290 |
| Comment: | Central battery for Lowe 3-12 & 8-12 1600' SE | | | | |
| Corrective Action: | | | | | Date: |

Paint

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

Berms

| | | | | |
|--------------------|--|---------------------|---------------------|------------------|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| Earth | Inadequate | Walls Sufficient | Base Sufficient | Inadequate |
| Comment: | Inadequate berms around tank(s) | | | |
| Corrective Action: | Repair or install berms or other secondary containment devices per Rule 605.a.(4). | | | Date: 11/25/2017 |

Venting:

| | | |
|--------------------|--------------------------------------|-------|
| Yes/No | YES | |
| Comment: | 1" casing vent venting to atmosphere | |
| Corrective Action: | | Date: |

Flaring:

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

Location Construction

Location ID: 207105 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: No issues observed

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: | 207105 | Type: | WELL | API Number: | 017-06040 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Producing | | | | | | | | |
| Corrective Action: | | | | Date: | | | | | |

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

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

Land Use: _____

Comment: _____

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? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

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

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 | | | |

Comment: Corrective Action: Date: **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 |
|--------------|------------------------------|---|
| 401440717 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4283765 |
| 680001147 | Lowe 3 & Battery Photographs | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4283756 |