

**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**

<b>Lease Road:</b>			
Type	Access		
comment:	Dirt road through farm ground		
Corrective Action		Date:	

Overall Good: ☐

<b>Signs/Marker:</b>			
Type	WELLHEAD		
Comment:	Lease sign mounted on pumping unit		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Stickers		
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: ☒

<b>Spills:</b>				
Type	Area	Volume		

In Containment: No

Comment: ☐ Multiple Spills and Releases?

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

<b>Equipment:</b>			corrective date
Type: Pump Jack	# 1		
Comment:	320 Lufkin		
Corrective Action:		Date:	
Type: FWKO	# 1		
Comment:			
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 REVEGETATION**Cropland

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
680001147	Lowe 3 & Battery Photographs	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4283756">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4283756</a>