

**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:

12/08/2017

Submitted Date:

12/11/2017

Document Number:

688300778**FIELD INSPECTION FORM**Loc ID 453292 Inspector Name: Sherman, Susan 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:7 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Melland, Tom	316-858-8695	tmelland@murfininc.com	Production Engineer
Kerstetter, Sarah	316-858-8668	skerstetter@murfininc.com	Designated Agent
Gunzelman, Shauna	316-267-3241	sgunzelman@murfininc.com	Designated Agent

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
453286	WELL	DG	12/06/2017		073-06735	Legacy 11-30	DG

General Comment:Surface Drilling and Cementing Inspection

LocationOverall Good: ☒**Signs/Marker:**

Type	DRILLING/RECOMP		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date:

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities

Facility ID: 453286 Type: WELL API Number: 073-06735 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Schaal Rig Pusher/Rig Manager: Armando/Ray
 Permit Posted: _____ Access Sign: _____

Well Control Equipment:

Pipe Ram: _____ Blind Ram: _____ Hydril Type: _____
 Pressure Test BOP: _____ Test Pressure PSI: _____ Safety Plan: _____

Drill Fluids Management:

Lined Pit: _____ Unlined Pit: _____ Closed Loop: _____ Semi-Closed Loop: _____
 Multi-Well: _____ Disposal Location: _____

Comment: Set 8 5/8", 24 wt pipe at 497', 12 joints
Wellhead GPS at 39.23510, -103.59589

Corrective Action: _____ Date: _____

Cement**Cement Contractor**

Contractor Name: QES Contractor Phone: _____ Miles _____

Surface Casing

Cement Volume (sx): 275 Circulate to Surface: YES
 Cement Fall Back: _____ Top Job, 1" Volume: _____

Intermediate Casing

Cement Volume (sxs): _____ Good Return During Job: _____

Production Casing

Cement Volume (sx): _____ Good Return During Job: _____

Plugging Operations

Depth Plugs(feet range): _____ Cement Volume (sx): _____
 Good Return During Job: _____ Cement Type: _____

Comment: Common Cement

Corrective Action: _____ Date: _____

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

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

Land Use: RANGELAND

Comment: pasture, groundwater management area**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: RANGELAND

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			
Berms	Pass					

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PITType: Drilling PitLined: NOPit ID: Lat: Long: Reference Point: Other: Length: Width: **Lining:**Liner Type: Liner Condition: Comment: Corrective Action Date: **Fencing:**Fencing Type: Fencing Condition: Comment: Corrective Action Date: **Netting:**Netting Type: Netting Condition: Comment: Corrective Action Date: Anchor Trench Present: Oil Accumulation: 2+ feet Freeboard: Comment: Corrective Action Date: **Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
688300781	Murfin Legacy 11-30	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4323065