

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



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Inspection Date:
02/19/2015

Document Number:
668500992

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	439261	439262	Welsh, Brian	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: 61250

Name of Operator: MULL DRILLING COMPANY INC

Address: 1700 N WATERFRONT PKWY B#1200

City: WICHITA State: KS Zip: 67206-

- 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
Smalley, Carl	719-767-8805	csmalley@mulldrilling.com	

Compliance Summary:

QtrQtr: NWSW Sec: 25 Twp: 13S Range: 43W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
439261	WELL	DG	10/24/2014	OW	017-07799	NORTHWEST ARAPAHOE UNIT (NWAU) 38	PR	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: <u>1</u>
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</u>
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
Access	SATISFACTORY	DIRT ROAD THROUGH PASTURE WITH CATTLE GUARD AT ENTRANCE		

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	LEASE SIGN BY UNIT		

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PUMP JACK	SATISFACTORY	METAL PANELS AROUND UNIT AND WELLHEAD		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Prime Mover	1	SATISFACTORY	ELECTRIC MOTOR		
Pump Jack	1	SATISFACTORY	JENSEN UNIT		
Ancillary equipment	1	SATISFACTORY	ELECTRIC PANEL		

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED BATTERY	38.901960,-102.183830

S/A/V: _____ Comment: **CENTRAL BATTERY FOR NWAU (2, 3, 4, 5, 6 & 38)**

Corrective Action: _____ Corrective Date: _____

Paint

Condition	_____
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action _____ Corrective Date _____

Comment _____

Venting:	
Yes/No	Comment
NO	

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 439261

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

S/A/V: SATISFACTORY **Comment:** NO ISSUES FOUND

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Material Handling and Spill Prevention	<ul style="list-style-type: none"> • During drilling/completion operations, storage areas graded towards pit • During production operations, implementation of Spill Prevention, Control and Countermeasure Plan & daily inspection • All stock and produced water tanks have secondary containment
Construction	<ul style="list-style-type: none"> • Access road, well pad and pit disturbances minimized • Soils segregated by type to facilitate reclamation • Storm water controls deployed and routinely inspected
Final Reclamation	<ul style="list-style-type: none"> • All equipment and debris removed • All remaining disturbed areas, including access roads, reclaimed • Noxious Weed Control Plan developed if appropriate
Wildlife	<ul style="list-style-type: none"> • Development and implementation of a Wildlife Management Plan if protected species are present
Storm Water/Erosion Control	<ul style="list-style-type: none"> • During drilling / completion operations, implementation of Storm Water Pollution Prevention Plan • Following drilling/completion operations, prompt reclamation of disturbed areas • During production operations, implementation of MDC's Post Construction Storm Water Management Program
Planning	<ul style="list-style-type: none"> • Conduct Initial Site Assessment <ul style="list-style-type: none"> o Identification of nearby water bodies o Identification of vegetation types o Identification of protected wildlife species o Identification of potential access routes to minimize disturbances o Identification of nearby improvements

<p>Drilling/Completion Operations</p>	<p>Includes Structural Practices</p> <ul style="list-style-type: none"> • Implement Storm Water Pollution Prevention Plan, including routine inspections and evaluation of effectiveness • Locate tank batteries at safe distance from public roadways and railhead • Full containment for stock tanks and separators • Installation of pipelines in common trenches when practical • Installation of pipelines at right angles to water bodies (drainages, wetlands, perennial water bodies) where practical <p>Site Specific:</p> <ol style="list-style-type: none"> 1. Reporting of the presence of H2S will be done via verbal and email notices. Verbal notice with a follow up email will be provided as soon as practicable upon detection of H2S to COGCC's area engineer and the local government designee. 2. Per ephemeral stream 29 feet southeast of staked location – structural practices will be implemented at the site to minimize erosion and sediment transport. Practices may include but are not limited to: straw bales, wattles/sediment control logs, silt fences, earth dikes, drainage swales, sediment traps, subsurface drains, pipe slope drains, inlet protection, outlet protection, gabions, and temporary sediment basins.
<p>General Housekeeping</p>	<ul style="list-style-type: none"> • Drilling and production operations conducted in safe, workmanlike manner. Safety expectations include good housekeeping. • During drilling/completion operations, debris stored in caged container which is removed from the site. • During production operations, the lease is inspected daily by MDC personnel.
<p>Pre-Construction</p>	<ul style="list-style-type: none"> • Preparation of a Storm Water Pollution Prevention Plan. Acquisition of a Storm Water Discharge Permit • Consultation with the surface landowner or appointed agent • Finalize access routes • Finalize well pad location to minimize surface grade impacts • Finalize well pad layout to minimize disturbances • Develop wildlife management plan if protected species are present
<p>Interim Reclamation</p>	<ul style="list-style-type: none"> • Debris and waste material removed • Areas not in use reclaimed promptly; pits closed using segregated material; well pad and other compacted surfaces ripped • Noxious weeds controlled

S/A/V: _____ **Comment:**

CA: **Date:** _____

Stormwater:

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: 439261 Type: WELL API Number: 017-07799 Status: DG Insp. Status: PR

Producing Well
Comment: PRODUCING. CENTRAL BATTERY FOR NWAU (2,3,4,5,6 & 38) 3780' NW @ 38.901960/-102.183830

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: RANGELAND
Comment:
1003a. Debris removed? Pass CM CA Date
Waste Material Onsite? Pass CM CA Date
Unused or unneeded equipment onsite? Pass CM CA Date
Pit, cellars, rat holes and other bores closed? In CM PITS BEING CLOSED AT TIME OF INSPECTION
Guy line anchors removed? CM CA Date

Guy line anchors marked? _____ 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 REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003 f. Weeds Noxious weeds? _____

Comment: OPERATOR HAS DOZER ON LOCATION TO CLOSE PITS AT TIME OF INSPECTION

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 _____

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		Compaction				

Inspector Name: Welsh, Brian

S/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment: ACCESS AND LOCATION ARE IN PROCESS OF GRADING, COMPACTION AND EROSION CONTROL
INSTALLATION

CA: _____

Pits: NO SURFACE INDICATION OF PIT