

**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:
01/15/2015Document Number:
674001952Overall Inspection:
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	439511	439515	Carlile, Craig	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10474Name of Operator: MENDELL FINISTERRE II LLCAddress: 2162 W EISENHOWER BLVDCity: LOVELAND State: CO Zip: 80537

- ☐ 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
Ash, Margaret		margaret.ash@state.co.us	
As		asnlbo.benitez@state.co.us	
Deranleau, Greg		greg.deranleau@state.co.us	
Precup, Jim		james.precup@state.co.us	
Teri		teri.ikenouye@state.co.us	
Unruh, Dee	970-292-8701	dunruh@mendellenergy.com	

Compliance Summary:QtrQtr: SWSE Sec: 12 Twp: 1S Range: 68W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/10/2015	674101977	DG	DG	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
439509	WELL	XX	10/30/2014		001-09824	ALICIA 12-15H-2N	XX
439510	WELL	XX	10/30/2014		001-09825	ALICIA 12-15H-3N	XX
439511	WELL	DG	12/24/2014		001-09826	ALICIA 12-15H-5N	DG
439512	WELL	DG	11/15/2014		001-09827	ALICIA 12-15H-6C	DG
439513	WELL	XX	10/30/2014		001-09828	ALICIA 12-15H-4C	XX
439514	WELL	DG	11/15/2014		001-09829	ALICIA 12-15H-1N	DG

Equipment:**Location Inventory**

Inspector Name: Carlile, Craig

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>10</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
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

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
DRILLING/RECOMP	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 439511

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	HouseyM	Operartor shall use enclosed combustion during all stages of drilling and operations.	10/30/2014
OGLA	HouseyM	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	10/21/2014

S/A/V: _____ Comment: _____

CA: _____ Date: _____

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	BOPE for well servicing operations. Adequate BOP equipment shall be used. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low and high pressure fluid.
Drilling/Completion Operations	Guy line anchors. All guy line anchors shall be brightly marked pursuant to Rule 604.c (2)Q.
Final Reclamation	Identification of plugged and abandoned wells. P&A'd wells shall be identified pursuant to 319.a. (5).
General Housekeeping	Removal of surface trash. All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as is applicable.
General Housekeeping	Fencing requirements. A permanent fencing plan will be reviewed by the surface owner, & the applicant.
Noise mitigation	Lighting abatement measures shall be implemented, including the installation lighting shield devices on all of the more conspicuous lights, low density sodium lighting where practicable; and rig shrouding as necessary. Permanent equipment on location shall be muffled to reduce noise, or shall be appropriately buffered.
Traffic control	Access roads. The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times.
Odor mitigation	Per Rule 805: Oil & gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare.
Final Reclamation	Well site cleared. Within 90-day subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site.
Drilling/Completion Operations	Pit level indicators. Not applicable; a closed-loop system will be used and no pits shall be dug.
Drilling/Completion Operations	Closed Loop Drilling Systems – Pit Restrictions. Not applicable; a closed-loop system will be used for drilling.
Drilling/Completion Operations	Green Completions – Emission Control Systems. Test separators and associated flow lines and sand traps shall be installed on-site to accommodate Green completions techniques pursuant to COGCC Rules. In the anticipated absence of a viable gas sales line, the flow-back gas shall be thermally oxidized in an emissions control device (ECD), which will be installed and kept in operable condition for least the first 90-days of production pursuant to CDPHE rules. This ECD shall have an adequate capacity for 1.5 times the largest flow-back within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustion where non-combustible gases are present.
Drilling/Completion Operations	Blowout preventer equipment ("BOPE"). A double ram and annular preventer will be used during drilling. At least the drilling company shall have a valid well blowout prevention certifications.
Planning	Multi-well Pads. It is a multi-well pad located in a manner which allows for resource extraction while maintaining the highest distances possible from the offsetting residential areas.
Drilling/Completion Operations	Control of fire hazards. All materials which are considered fire hazards shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with API RP 500 and will comply with the current national electrical code. An emergency response plan has been generated for this site.
Drilling/Completion Operations	Drill stem tests. Not applicable; no Drill Stem tests are planned.

S/AV: _____ **Comment:** _____

Inspector Name: Carlile, Craig

CA: _____	Date: _____
Stormwater:	
Comment: _____	
Staking:	
On Site Inspection (305):	
<u>Surface Owner Contact Information:</u>	
Name: _____	Address: _____
Phone Number: _____	Cell Phone: _____
<u>Operator Rep. Contact Information:</u>	
Landman Name: _____	Phone Number: _____
Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<u>LGD Contact Information:</u>	
Name: _____	Phone Number: _____
Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>	

<u>Summary of Operator Response to Landowner Issues:</u>	

<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

Facility

Facility ID: 439511	Type: WELL	API Number: 001-09826	Status: DG	Insp. Status: DG
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Complaint

Comment: Arrived at location 6:00 AM for inspection. Early arrival was planned to observe lighting issues that complainant mentioned in phone conversation, photo attached to this inspection.

During inspection, rig manager unplugged some lights on the dog house that were directed in the line of the complainant's house.

Drilling operations have concluded and the crew was preparing rig for move out. Lights and sound emission expected to conclude by Monday.

Conducted through inspection of rig and found no problems.

Chemicals associated with drilling operations have been moved off location.

Well Drilling

Rig: Rig Name: Patterson Pusher/Rig Manager: Ray Hoffman

Permit Posted: SATISFACTORY Access Sign: SATISFACTORY

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: YES Semi-Closed Loop: _____

Multi-Well: _____ Disposal Location: Off-Site

Comment:

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:

Lat _____ Long _____
 DWR Receipt Num: _____ Owner Name: _____ GPS : _____

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: IMPROVED PASTURE

Comment: _____

1003a. Debris removed? In CM _____
 CA _____ CA Date _____
 Waste Material Onsite? _____ CM _____
 CA _____ CA Date _____
 Unused or unneeded equipment onsite? In CM _____
 CA _____ CA Date _____
 Pit, cellars, rat holes and other bores closed? _____ CM _____
 CA _____ CA Date _____
 Guy line anchors removed? _____ CM _____
 CA _____ CA Date _____
 Guy line anchors marked? _____ CM _____
 CA _____ CA Date _____

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

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? _____

Inspector Name: Carlile, Craig

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: _____

Overall Interim Reclamation

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____

Date Final Reclamation Completed: _____

Final Land Use: IMPROVED PASTURE

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
				VT	Pass	Cattle guard at exit.
Silt Fences	Pass					North side of location.
Drains	Pass					Surroundind Drill Rig
Berms	Pass					Surrounding location.
Mulching	Pass					On top of berm on south side.
Gradient Terraces	Pass					Side hill lie, cut on the south, lower on north.
		Gravel	Pass			

S/A/V: SATISFACTOR _____

Corrective Date: _____

Y

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
<p>Complaint # 200421460</p> <p>Date Complaint Received: January 14, 2015</p> <p>Well Number: 05-001-09826</p> <p>Inspection Document # 674101977</p> <p>Complainant: Michelle Jackson</p> <p>Phone: 720 422 2676</p> <p>Address: 3159 East 152nd Place Thornton CO</p> <p>Nature of complaint: Noise/Lights</p> <p>Field Inspector Assigned: Craig Carlile</p> <p>Field Inspector Actions:</p> <p>COGCC inspector contacted complainant via phone on January 15, 2015. The complainant mentioned loud operations, engine noise, horns and lights at night that were waking up family members. No mention of C scale related characteristics (vibration or rattling windows etc.).</p> <p>As part of this investigation, a sound survey (A scale) was conducted by Jason Gomez on January 15, 2015 and the survey found no violation of COGCC rules. The results of this survey are attached to the inspection report (Document # 674101977).</p> <p>Site inspection was conducted the following morning, January 16, 2015, at 6:00AM. The inspection was conducted at this early hour to observe the lighting prior to sunrise. (See attached photo in the inspection report). During this site inspection, COGCC inspector identified two banks of lights immediately above the dog house that were directed towards the complainant's residence. These lights were not compliant with Rule 803. Upon informing the operators of the offending lights, these lights were deemed to be unnecessary and disconnected while inspector was on location.</p> <p>The site had noise mitigation walls installed on the East and South side of the drilling location. The complainant's residence is located to the Southwest of the location.</p> <p>During the site inspection the operator indicated that they had concluded their drilling activities at 3:00 AM on January 16, 2015 and were in the process of preparing the rig for transport away from the location. The rig was subsequently removed from the pad and is no longer there.</p> <p>Inspector questioned operator concerning horn sounds and the operator indicated that they were not operating any horns as a part of the drilling process. The operators suggested that the required backup beeper on a front-end loader may have been the offending periodic "horn" sound. COGCC inspector did not directly hear the horn sound.</p> <p>In addition to noise and lights, COGCC inspector performed a detailed inspection of the rig and no problems were identified. Chemicals associated with drilling operations were removed from location and the crew was preparing the top-drive unit for transport from the location.</p> <p>Inspector then personally visited with complainant and informed her that the drilling operations had been concluded and the operator was preparing to leave the location over the next few days.</p>	carlilec	01/15/2015

Attached Documents

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

Document Num	Description	URL
674001953	Pic of Rig from complainants direction.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3535064
674001971	Sound survey results.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3535065