

**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



Inspection Date:  
02/12/2016  
Document Number:  
673503157  
Overall Inspection:  
**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>439637</u>	<u>439637</u>	<u>COSTA, RYAN</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 10474  
 Name of Operator: MENDELL FINISTERRE II LLC  
 Address: 2162 W EISENHOWER BLVD  
 City: 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
Binschus, Chris		chris.binschus@state.co.us	
Unruh, Dee	970-292-8701	dunruh@mendellenergy.com	
AYLING, ROB		rayling@mendellenergy.com	

**Compliance Summary:**

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

**Inspector Comment:**

**This is an interim reclamation inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
439637	LOCATION	AC	10/31/2014		-	AFTON / ALICIA BATTERY	RI <input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>10</u>	Separators: <u>18</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>18</u>	Oil Tanks: <u>30</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	ACTION REQUIRED	There is signs of vehicle rutting and tracking occurring along the access road.	Regrade and stabilize the access road to prevent vehicle tracking and rutting from occurring.(BMP/COA "Said grading shall be done within seven days of notification of unacceptable Condition.)	02/25/2016
Access	ACTION REQUIRED	There is piles of gravel pushed off of the access road. Vehicle access is not being restricted to the lease road and is causing the road to become widened.	Remove gravel piles along the access road and restrict vehicle access to the designated roadway.	02/25/2016

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
OTHER	ACTION REQUIRED	The location does not meet the reclamation regulations.	Reclaim areas of disturbance and perform interim reclamation as required.	04/18/2016
OTHER	ACTION REQUIRED	There was no landscaping bushes noticed along the southern edge of the pad.	Plant landscaping bushes as described in the 2A BMP/COA section.	04/18/2016
STORAGE OF SUPL	ACTION REQUIRED	There is unused equipment and supplies being stored at the southwest side of the location.	Remove unused supplies and equipment.Comply with Rule 603.f using the Rule 603.f guidance document for further details.	03/19/2016
DEBRIS	ACTION REQUIRED	There is gravel debris pushed up into piles in areas at the location.	Remove or redistribute gravel piles at the location.Comply with Rule 603.f using the Rule 603.f guidance document for further details.	03/19/2016

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b>Equipment:</b>				
Type:	#	Satisfactory/Action Required:		
Comment				
Corrective Action				Date:

<b>Venting:</b>	
Yes/No	
Comment	

<b>Flaring:</b>			
Type	Satisfactory/Action Required		
Comment:			
Corrective Action:		Correct Action Date:	

**Predrill**

Location ID: 439637

**Site Preparation:**  
 Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/AR:** \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	HouseyM	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	10/28/2014
OGLA	HouseyM	Operator shall use enclosed combustion during all stages of drilling and operations.	10/30/2014

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

BMP Type	Comment
Material Handling and Spill Prevention	Tank specifications. Tanks will be designed, constructed and maintained in accordance with NFPA Code 30. The tanks are visually inspected once a day for issues, and recorded inspections are conducted once a month.
Noise mitigation	All offset building owners are located south of the proposed location and E470 is located directly north. Separator dumphines will face north away from building unit owners. Sound wall will surround the vapor recovery unit.
Traffic control	Access road shall be reasonably maintained, and only one acces road shall be used. Operator agrees to grade access road when Operator's trucks create ruts in road that are deeper than normal residential impact. Said grading shall be done within seven days of notification of unacceptable Condition. Access speed limit shall be 15 mph beginning at start of gravel. Operator will remove snow from all roads used to access the battery and the driveway to the house, to the edge of the concrete when accumulation is greater than 6 inches.
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 legal disposed of as applicable. Production pad site shall be kept weed-free at all times. Any fences damaged by Operator shall be promptly repaired.

Dust control	Dust mitigation shall be done as-needed, but not to exceed twice a month, and only with water.
Material Handling and Spill Prevention	Loadline. All loadlines shall be bullplugged or capped.
General Housekeeping	Lights and visual impacts. The production facility will have no permanent lighting. The land of proposed location is graded lower than land of surface owners to reduce height of facility equipment. Proposed location is planned such that building unit owners directly south maintain view of mountains to the west. Landscaping bushes will be planted along complete southern edge of pad to reduce visibility of the facility from the neighbors to the south.
Material Handling and Spill Prevention	Leak Detection Plan. Pumper will visit the location daily and visually inspect all tanks and fittings for leaks. Additionally, monthly document SPCCP inspections are conducted pursuant to 40 CFR 12
Construction	Berm construction. Tank berms shall be constructed of steel walls with a synthetic or engineered liner and designed to contain 150% of the capacity of the largest tank. A tertiary containment berm will encompass the battery. All berms will be visually checked periodically to ensure proper working condition.
Odor mitigation	VOC's will be recovered and thermally oxidized. No untoward odor will be emitted.
Community Outreach and Notification	All possible alternatives for the production facility location have been considered. The production facility is located in the best possible location. It will be placed in a low lying area to shield it from view from surrounding building units. The facility will be surrounded on the south side by a vegetated berm to shield it from view. The berm will mitigate the visual impact on the surrounding building units. Low profile tanks will be used to mitigate the visual impact on the surrounding building units.
Final Reclamation	Identification of plugged and abandoned wells. P&A'd wells shall be identified pursuant to Rule 319.a.(5).

**S/AR:** \_\_\_\_\_ **Comment:**

**CA:**  **Date:** \_\_\_\_\_

**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: 439637 Type: LOCATION API Number: - Status: AC Insp. Status: RI

**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. Waste and Debris removed? \_\_\_\_\_  
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_  
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_  
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_  
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

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

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? Fail  
 Production areas have been stabilized? Fail Segregated soils have been replaced? Fail

RESTORATION AND REVEGETATION

Cropland

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

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: Unused areas of the location, disturbed areas along the access road, and pipeline disturbances between locations are not reclaimed. The sides of the pad are not stabilized with adequate vegetation. SEE GOOD HOUSEKEEPING section for Corrective Action.

Overall Interim Reclamation Fail

**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

S/A/V: ACTION REQUIRED Corrective Date: 03/19/2016

Comment: There was evidence of vehicle tracking and rutting occurring. The well pad is not stabilized and water is pooling on the pad surface. Noticed signs of erosion occurring around the perimeter of the location. There is insufficient stormwater controls-BMP's. SEE ATTACHED PHOTOS

CA: Regrade and stabilize the location to prevent vehicle tracking, rutting, and water pooling. Install or repair required BMP's per Rule 1002.f. Refer to the 1002.f guidance document for further details.

Pits:  NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<span style="color: red;">This inspection documents that interim reclamation has not been completed and the location does not meet the reclamation requirements. SEE GOOD HOUSEKEEPING section for Corrective Action.</span>	CostaR	02/18/2016

<p>SEE Form 2A BMP/COA section - 4 General Housekeeping. Landscaping bushes will be planted along the complete southern edge of pad to reduce visibility of the facility from the neighbors to the south. There was no landscaping bushes noticed along the southern edge of the pad. SEE GOOD HOUSEKEEPING section for Corrective Action.</p>	CostaR	02/18/2016
<p>Submit Form 4 when corrective actions are completed. Include photographs documenting completion of corrective actions required in this inspection.</p>	CostaR	02/18/2016

**Attached Documents**

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

Document Num	Description	URL
673503157	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3788332">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3788332</a>
673503158	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3788331">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3788331</a>