

Inspector Name: Hughes, Jim

**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

DE ET OE ES

Inspection Date:

04/11/2014

Document Number:

674900005

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	333435	333435	Hughes, Jim	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 53255

Name of Operator: MARALEX RESOURCES, INC

Address: P O BOX 338

City: IGNACIO State: CO Zip: 81137

- ☐ 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
O'Hare, Mickey	(970) 563-4000/ (719) 429-3529	amohare@maralexinc.com	All Inspections
Azulai, Naomi	(970) 563-4000	naomi@maralexinc.com	All Inspections
LABOWSKIE, STEVE		steve.labowskie@state.co.us	
FISCHER, ALEX		alex.fischer@state.co.us	

**Compliance Summary:**

QtrQtr: NESW Sec: 35 Twp: 34N Range: 7W

**Inspector Comment:**

On April 11, 2014, Jim Hughes and Steve Labowskie (COGCC) met with Mickey O'Hare (Maralex) to collect a water sample from a vertical culvert on location #333435. An interface probe was used to determine the depth of the water column and the presence of any potential fluid interfaces. The culvert contained a water column that was approximately 8'1" deep, with a water surface 7'7" bgs. A bailer was used to collect samples for delivery to Green Analytical Laboratory in Durango, CO. Results are pending.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
267697	WELL	PR	08/10/2003	GW	067-08803	KATIE EILEEN 34-7-35 2A	PR	<input checked="" type="checkbox"/>
290230	WELL	PR	04/17/2007	GW	067-09352	KATIE EILEEN 34-7-35 4	PR	<input checked="" type="checkbox"/>

**Equipment:****Location Inventory**

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	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**

Emergency Contact Number (S/A/V): \_\_\_\_\_

Corrective Date: \_\_\_\_\_

Inspector Name: Hughes, Jim

Comment:

Corrective Action:

**Spills:**

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

**Venting:**

Yes/No	Comment
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**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
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**Predrill**

Location ID: 333435

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

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

**Wildlife BMPs:**

**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: 267697 Type: WELL API Number: 067-08803 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Facility ID: 290230 Type: WELL API Number: 067-09352 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**Environmental**

**Spills/Releases:**

Inspector Name: Hughes, Jim

Type of Spill: _____	Description: _____	Estimated Spill Volume: _____
Comment: _____		
Corrective Action: _____		Date: _____
Reportable: _____	GPS: Lat _____	Long _____
Proximity to Surface Water: _____		Depth to Ground Water: _____

<b>Water Well:</b>		Lat _____	Long _____
DWR Receipt Num: _____	Owner Name: _____	GPS : _____	_____

<b>Field Parameters:</b>
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Sample Location: \_\_\_\_\_ Well \_\_\_\_\_

<b>Sample</b>	Sample Type: <u>GROUND WATER</u>		
Time: <u>04/11/14 10:50</u>	(MM/dd/yyyy hh:mm)	GPS: Lat <u>37.145450</u>	Long <u>-107.582000</u>
BTEX: <u>YES</u>	TPH: <u>NO</u>	Anion: <u>YES</u>	Captions: <u>YES</u>
Dissolved Methane: <u>NO</u>		Composition: <u>NO</u>	Stable Isotopes: <u>NO</u>
8270: <u>YES</u>		RCRA Metals: <u>NO</u>	910-Metals: <u>YES</u>
Other: <u>TDS, pH, EC</u>		General Chemistry: <u>YES</u>	
8260: <u>YES</u>		PAH: <u>NO</u>	
Comment: <u>After determining depth to water and exploring for any potential fluid interfaces with an interface probe, a bailer was used to collect samples from the water column.</u>			

<b>Lab:</b>
Lab Name _____
Green Analytical Laboratory

Emission Control Burner (ECB): _____
Comment: _____
Pilot: _____ Wildlife Protection Devices (fired vessels): _____

**Reclamation - Storm Water - Pit**

<b>Interim Reclamation:</b>	
Date Interim Reclamation Started: _____	Date Interim Reclamation Completed: _____
Land Use: _____	
Comment: _____	
1003a. Debris removed? _____ CM _____	
CA _____	CA Date _____
Waste Material Onsite? _____ 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 removed? _____ CM _____	
CA _____	CA Date _____
Guy line anchors marked? _____ CM _____	

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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: \_\_\_\_\_

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 \_\_\_\_\_

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: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

CA: \_\_\_\_\_

**Pits:** ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
The water well at location #333435 contained water with no visible sheen and no detectable odor. The water was cold and appeared clear. The culvert showed no signs of unusual staining.	hughesj	04/29/2014

**Attached Documents**

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

Document Num	Description	URL
674900006	View down culvert to water surface.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3331280">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3331280</a>
674900007	Location of culvert in relation to Katie Eileen 34-7-35 #2A	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3331281">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3331281</a>