

**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:  
05/17/2012

Document Number:  
663100045

Overall Inspection:  
**Unsatisfactory**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>ANDREWS, DAVID</u>
	<u>210534</u>	<u>322451</u>		

**Operator Information:**

OGCC Operator Number: <u>53255</u>	Name of Operator: <u>MARALEX RESOURCES, INC</u>
Address: <u>P O BOX 338</u>	
City: <u>IGNACIO</u>	State: <u>CO</u> Zip: <u>81137</u>

**Contact Information:**

Contact Name	Phone	Email	Comment
Linda Spry-O'Rourke		<u>linda.spryorourk@state.co.us</u>	COGCC
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Jim Graves		<u>mrinc20@qwestoffice.net</u>	
Shaun Kellerby		<u>shaun.kellerby@state.co.us</u>	COGCC
Mickey O'Hare	<u>970-563-4000</u>	<u>amohare@maralexinc.com</u>	
David Andrews	<u>970-456-5262</u>	<u>david.andrews@state.co.us</u>	COGCC
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**Compliance Summary:**

QtrQtr: <u>SENW</u>	Sec: <u>25</u>	Twp: <u>7S</u>	Range: <u>91W</u>				
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
<u>06/25/2010</u>	<u>200257868</u>	<u>PR</u>	<u>PR</u>	<u>U</u>			<u>Y</u>
<u>04/29/2006</u>	<u>200094269</u>	<u>ID</u>	<u>SI</u>	<u>U</u>		<u>F</u>	<u>N</u>
<u>10/29/1998</u>	<u>500142090</u>	<u>PR</u>	<u>PR</u>			<u>P</u>	<u>N</u>
<u>11/23/1994</u>	<u>500142089</u>	<u>PR</u>	<u>SI</u>			<u>P</u>	<u>N</u>

**Inspector Comment:**

Field inspection to check bradenhead discharge to tank and bradenhead pressure as a follow-up to NOAV #200317021. NOAV will remain open until Form 27 environmental investigation activities are complete.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name
<u>210534</u>	<u>WELL</u>	<u>PR</u>	<u>12/21/1996</u>		<u>045-06290</u>	<u>RIFLE WALTON 25-2</u>

**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**

<b>Lease Road:</b>				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

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

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: \_\_\_\_\_  
 Comment: On tank label  
 Corrective Action: \_\_\_\_\_

<b>Good Housekeeping:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
UNUSED EQUIPMENT	Unsatisfactory	Unused equipment in unused pit west of separator.	Remove unused equipment from unused pit.	06/21/2012
TRASH	Unsatisfactory	Trash in unused pit west of separator.	Remove trash from unused pit.	06/21/2012

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Produced Water	Tank	<= 5 bbls	Slight water leak from bottom of east side of produced water tank, but no water accumulation inside berm. Repair tank.	07/21/2012

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Satisfactory	Locked gate at entrance.		
PIT	Unsatisfactory	Fence in disrepair around unused pit.	Remove fence when pit is closed	07/21/2012

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Vertical Separator	1	Satisfactory			
Gas Meter Run	1	Satisfactory			
Horizontal Separator	1	Satisfactory			

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	<50 BBLS	PBV STEEL	,

S/U/V: **Unsatisfactory** Comment: Plastic mesh cover. Less than 2 feet freeboard during field inspection.

Corrective Action: Partially remove contents to attain minimum 2 feet freeboard. Corrective Date: 06/21/2012

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action \_\_\_\_\_ Corrective Date \_\_\_\_\_

Comment \_\_\_\_\_

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	300 BBLS	STEEL AST	,

S/U/V: **Unsatisfactory** Comment: Their hatch closed. Tank should be re-painted. Rusted stains on the sides of the tank.

Corrective Action: Re-paint tank Corrective Date: 08/21/2012

Paint

Condition	Inadequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate

Corrective Action: Build up berms around tank so that they are sufficient to provide secondary containment for one-hundred fifty percent (150%) of the tank volume. Corrective Date: 07/21/2012

Comment: Berms worn down.

**Venting:**

Yes/No	Comment
YES	Bradenhead being vented to produced water tank with COGCC approval. BH = 50 psi, CP = 160 psi.

**Flaring:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 322451

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

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

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

**Wildlife BMPs:**

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

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

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

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

Comments: Erosion BMPs: \_\_\_\_\_  
 Other BMPs: \_\_\_\_\_

**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: 210534 API Number: 045-06290 Status: PR Insp. Status: SI

**Idle Well**

Purpose:  Shut In     Temporarily Abandoned    Reminder: FLOWLINE AVAILABLE-CONNECTED

S/V: Satisfactory

CA Date: 07/21/2012

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

Comment: Well appears to be seasonally SI. Casing valve hissing gas.

**Environmental**

**Spills/Releases:**

Type of Spill: WATER    Description: PW Tank    Estimated Spill Volume: \_\_\_\_\_

Comment: Slight water leak from bottom of east side of produced water tank, but no water accumulation inside berm (estimated volume <=5 bbls). Proximity to surface water: Bear Gulch (tributary to East Divide Creek) approximately 490' ENE and East Creek approximately 520' NE of the produced water tank, based on review of 2011 aerial photo. Closest water well approximately 600' SE of produced water tank. The water well (CDWR Receipt No. 0226578, Permit No. 125755) is 35 feet deep.

Corrective Action: Repair tank.    Date: 07/21/2012

Reportable: NO    GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: 490    Depth to Ground Water: 35

**Water Well:**

DWR Receipt Num: 0226578    Owner Name: Frink, Bert E    GPS: \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

**Waste Management:**

Type	Management	Condition	Comment	GPS (Lat)	(Long)

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: \_\_\_\_\_

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 \_\_\_\_\_  
 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

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

**Pits:**

Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

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

**Fencing:**

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: Fence in disrepair

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

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

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Unsatisfactory Comment: Pit dry and not in use. Contains trash and unused equipment.

Corrective Action: Close pit in accordance with COGCC 900-Series rules. Remove pit perimeter fence. Date: 07/21/2012

**Attached Documents**

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

Document Num	Description	URL
663100045	INSPECTION APPROVED	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2925213">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2925213</a>