

**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:
01/09/2014

Document Number:
669600096

Overall Inspection:
Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	221769	312491	KRABACHER, JAY	2A Doc Num:	

Operator Information:

OGCC Operator Number: _____

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
		jay.krabacher@state.co.us	
		edward_fancher@co.blm.gov	

Compliance Summary:

QtrQtr: NWNE Sec: 20 Twp: 9S Range: 98W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/07/2014	668401888	SI	WK	Satisfactory			No
01/02/2014	669600095	SI	WK	Satisfactory			No
01/02/2014	668401887	SI	WK	Satisfactory			No
01/01/2014	668401886	SI	WK	Satisfactory			No
12/30/2013	668401884	SI	WK	Satisfactory			No
12/27/2013	668401883	SI	WK	Satisfactory			No
12/26/2013	668401882	SI	SI	Satisfactory			No
12/24/2013	668401881	SI	SI	Satisfactory			No
12/23/2013	668100288	SI	SI	Satisfactory			No
12/23/2013	671000004	SI	SI	Satisfactory			No
12/22/2013	668100287	SI	SI	Satisfactory			No
12/20/2013	668100286	SI	SI	Unsatisfactory			No
12/19/2013	671000005			Satisfactory			No
12/19/2013	671000006			Satisfactory			No
12/18/2013	669600094	SI	SI	Satisfactory			No
12/17/2013	668100285	SI	SI	Satisfactory			No
12/16/2013	668100284	SI	SI	Unsatisfactory			No
03/25/2013	668401031	SI	SI	Violation	I		Yes

Inspector Comment:

on loc: COGCC: C Lujan w/subcontract environmental 'Dustin' (LTE) -- obtained gas samples from this well. BLM: E Fancher, Joe Beck & Bud Thompson (Meeker). also Alan, "HazMat" -- investigating down the drainage to north, then east. Jim Graves and Leeland from Maralex Duco rig crew (D Daniels, supervisor) Mike Roberts and Ryan (Bakder Hughes) -- furnished CICR also operators for water truck overcast, ~ 30 deg (f) no breeze at 9:30 a.m., changed gradually to light snow by noon. Pumping cement, ~ 2 bbl/min, was @ 1k psi, then dropped (lift was 800 psi). CICR @ 4992', perfs at 5020'. 290 sacks (59 bbl if 1.15 yield). cement sample est. @ 15 ppg. 10 a.m. cementing finished. well (temp) killed, started flowing, gradually to strong within an hour. both fluid and gas. conference phone call, BLM to Bob Hartman back @ GJ office. discussed what next steps are. run CBL tomorrow a.m. (w/possible temp, maybe 'noise' log?) cement unavailable until Monday (1/13). After CBL then probably will perf, possibly set CICR. discussed where gas inflow from -- CBL showed "turbulence" @ ~ 3200'? I suggested what regardless depth of source, pathway could be up annulus and through corroded/bad casing which log (Casing Inspection run last week) shows beginning 1800' + and up.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
221769	WELL	SI	10/01/1983		077-08371	USA 1-20 JC	SI	<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 Motors: _____	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/U/V) _____ 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/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 221769

Site Preparation:

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

S/U/V: _____

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

Form 2A COAs:

S/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/U/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: 221769 Type: WELL API Number: 077-08371 Status: SI Insp. Status: SI

Cement

Cement Contractor

Contractor Name: duco, rangely

Contractor Phone: _____

Surface Casing

Cement Volume (sx): _____

Circulate to Surface: _____

Cement Fall Back: _____

Top Job, 1" Volume: _____

Intermediate Casing

Cement Volume (sxs): _____

Good Return During Job: _____

Production Casing

Cement Volume (sx): _____

Good Return During Job: _____

Plugging Operations

Depth Plugs(feet range): 5020

Cement Volume (sx): 290

Good Return During Job: YES

Cement Type: G

Comment: perfs at 5020, CICR @ 4992, est 50 - 60' cement on top of CICR (will tag tomorrow)

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: _____

Complaint:

Tracking Num	Category	Assigned To	Description	Incident Date
200393038	OTHER	KELLERBY, SHAUN	On 12/14/13 Cogcc staff was notified by E Mail of the presence of bubbling fluid near a well head.	12/16/2013

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 _____ 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/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT