

**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:

11/28/2012

Document Number:

667700012

Overall Inspection:

**Violation****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>280223</u>	<u>306935</u>		<u>SPRAY, KAREN</u>

**Operator Information:**OGCC Operator Number: 26625 Name of Operator: ELM RIDGE EXPLORATION CO LLCAddress: 12225 GREENVILLE AVE STE 950City: DALLAS State: TX Zip: 75243-**Contact Information:**

Contact Name	Phone	Email	Comment
Lindeman, Terry	(505) 632-3476 x 210	tlindeman@elmridge.net	
SPRAY, KAREN		karen.spray@state.co.us	
LABOWSKIE, STEVE		steve.labowskie@state.co.us	
Mackey, Amy		amackey1@elmridge.net	Administrative Manager

**Compliance Summary:**QtrQtr: SWNE Sec: 24 Twp: 33N Range: 9W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/15/2012	669400256	PR	PR	U	I		N
09/21/2010	200274796	PR	PR	S			N

**Inspector Comment:**

Follow up environmental inspection to #669400256 from 11/15/2012.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
280223	WELL	PR	02/01/2011	GW	067-09073	IGS 405	<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/U/V) \_\_\_\_\_

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

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

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

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Produced Water	Tank	> 5 bbls	Ball valve leaking w/in containment (west side). REPAIR LEAK.	12/10/2012
Produced Water	Truck Loadout	> 5 bbls	Ball valve leaking at tank loadout. REPAIR LEAK.	12/10/2012

☒ Multiple Spills and Releases?

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____
Contents	#	Capacity	Type
PRODUCED WATER	1	300 BBLS	STEEL AST
S/U/V: <b>Violation</b>		Comment: Leaking at two ball valves on tank.	
Corrective Action: REPAIR LEAKS.			Corrective Date: 12/10/2012

**Paint**

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate		Base Insufficient	Inadequate
Corrective Action	Size of containment appears inadequate for tank. Provide design details w/ containment volume and repair "lining" to contain spillage w/out infiltrating.			Corrective Date 01/03/2013
Comment	Leakage from ball valves not ponding = infiltrating into substrate = not adequate lining.			

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

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 306935

**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: 280223 Type: WELL API Number: 067-09073 Status: PR Insp. Status: PR

**Environmental****Spills/Releases:**

Type of Spill: WATER Description: Ongoing leakage from ball Estimated Spill Volume: \_\_\_\_\_

Inspector Name: SPRAY, KAREN

Comment: Saturated soil under leak outside of containment 7'x12' on surface. Saturated to depth as you sink into the mud upon approach. Leak at back (west) ball valve has good grass indicating ongoing leakage. No ponding - infiltrates into the subsurface = not appropriate containment.

Corrective Action: Submit Form 19 and provide assessment of extent of impact.

Date: 01/03/2013

Reportable: YES

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:

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

Inspector Name: SPRAY, KAREN

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

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: \_\_\_\_\_

**COGCC Comments**

Comment	User	Date
Flow visible from both ball valves. One outside of containment, the second surrounded by grass indicating long term flow. Deer tracks indicate wildlife accessing leak outside of containment. No rain/snow in recent = all saturation from leaks. Soil sample collected from leak outside containment (EC, pH, SAR, TPH, BTEX) and taken to Green Analytical Labs.	sprayk	12/03/2012
NOAV PENDING results of analytical tests. Unreported and ongoing spillage; inadequately sized/constructed secondary containment. Environmental impacts.		

**Attached Documents**

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

Document Num	Description	URL
667700013	IGS 405 Truck loadout leak	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3023199">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3023199</a>

667700014	IGS 405 Interior ball valve leak	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3023200">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3023200</a>