

**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
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Inspection Date:  
11/05/2014

Document Number:  
674601191

Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>216576</u>	<u>312001</u>	<u>Maclaren, Joe</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>26625</u>
Name of Operator:	<u>ELM RIDGE EXPLORATION COMPANY LLC</u>
Address:	<u>12225 GREENVILLE AVE STE 950</u>
City:	<u>DALLAS TX 75243-</u>

- 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
Lindeman, Terry	505-632-3476 Ext 210	tlindeman@elmridge.net	
Archuleta, Amy		aarchuleta@elmridge.net	Administrative Manager

**Compliance Summary:**

QtrQtr: SWSW Sec: 17 Twp: 33N Range: 8W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/21/2010	200256316	PR	PR	SATISFACTORY			No
11/14/2006	200099127	PR	PR	SATISFACTORY		Pass	No
06/26/2001	200017598	ES	PR				
06/18/2001	200017597	ES	PR				
06/01/2001	200017596	ES	PR				
05/31/2001	200017595	ES	PR				
04/11/2001	200017594	ES	PR				Yes

**Inspector Comment:**

COGCC inspector spoke with Elm Ridge Resources lease operator (Jack Semler) at time of inspection regarding the observations outlined in this report.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
216576	WELL	PR	02/16/2004	GW	067-08182	HARMON 1A	PR	<input checked="" type="checkbox"/>
288175	WELL	PR	12/01/2006	GW	067-09272	IGE 110	PR	<input checked="" type="checkbox"/>
433111	WELL	PR	08/26/2013	LO	067-09895	IGE 140	PR	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Inspector Name: Maclaren, Joe

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>3</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>2</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>2</u>	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): SATISFACTORY Corrective Date: \_\_\_\_\_

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

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

**Fencing/:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
LOCATION	SATISFACTORY	Location fenced along North side well pad.		

**Equipment:**

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Gas Meter Run	3	SATISFACTORY			
Vertical Heated Separator	2	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	Gas Line Risers with Valves		
Flow Line	3	SATISFACTORY			
Horizontal Heated Separator	2	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	Telemetry Equipment		
Ancillary equipment	1	SATISFACTORY	Domestic House Tap Equipment		
Plunger Lift	2	SATISFACTORY			
Deadman # & Marked	4		Located 4 marked rig anchors		
Bird Protectors	2		Bird protectors/ installation required on open pipe ends/ flanges on top of produced water tanks.		

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

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	300 BBLS	STEEL AST	37.099990,-107.746600

S/A/V: SATISFACTORY Comment: New Paint on Tanks.

Corrective Action:		Corrective Date:		
<b>Paint</b>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action	_____			Corrective Date
Comment	_____			

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

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

<b>Predrill</b>				
Location ID: <u>216576</u>				
<b>Site Preparation:</b>				
Lease Road Adeq.:	_____	Pads:	_____	Soil Stockpile: _____
<b>S/A/V:</b> _____				
Corrective Action:	_____	Date:	_____	CDP Num.: _____
<b>Form 2A COAs:</b>				

Group	User	Comment	Date
OGLA	kubeczkod	<p><b>SITE SPECIFIC COAs:</b></p> <p>Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.</p> <p>Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations (as shown on the Proposed BMPs attachment); including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>The moisture content of any drill cuttings in a cuttings area, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, if the drill cuttings are to be left onsite, they must also meet the applicable standards of table 910-1.</p> <p>If the well is to be hydraulically stimulated, all flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p>	05/24/2013

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

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

**Wildlife BMPs:**

BMP Type	Comment
Construction	<p>Narrative The IGE 140 well will be located within the footprint of the existing 110 well pad. No additional disturbance will be necessary.</p> <p>Drainage management: The following drainage management features will be used onsite: Straw wattles will be used during construction operations where appropriate control runoff and to prevent sediment from flowing beyond the perimeter of the previously disturbed area. Revegetation will occur in either the spring or summer.</p> <p>Visual Mitigation &amp; Revegetation: This well will be located on an existing well pad. No pit is planned as a closed loop system will be employed. No disturbance of vegetation outside the existing well pad will occur so no revegetation/reseeding will be necessary. All equipment will be painted with a uniform, non-reflective paint that is darker than the adjacent landscape. Elm Ridge will control all noxious weeds as identified by the La Plata County weed technician and will monitor the site after reclamation and spray for weeds as necessary. Noxious weeds will be controlled onsite by herbicide application, and methods of control will be pursuant to recommendations from the La Plata county weed control technician. Spraying will be applied by a certified professional. A weed management plan has been filed with the County Extension Office. Please refer to this plan for more details.</p>

**S/AV:** \_\_\_\_\_ **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 ID: 216576 Type: WELL API Number: 067-08182 Status: PR Insp. Status: PR

Facility ID: 288175 Type: WELL API Number: 067-09272 Status: PR Insp. Status: PR

Facility ID: 433111 Type: WELL API Number: 067-09895 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

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

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: RANGELAND  
 Comment: Dead weeds observed along access road and North edge of well pad.  
 1003a. Debris removed? Pass CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? Pass CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized? Pass

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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? Pass 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 In Process

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

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
Gravel	Pass	Gravel	Pass			
Compaction	Pass	Compaction	Pass			
		Culverts	Pass			

Inspector Name: Maclaren, Joe

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

Comment: Well site access road has deep stormwater erosion channel near the entrance to well pad (due to recent heavy rainfall).

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

Pits:  NO SURFACE INDICATION OF PIT