

**FORM  
INSP**Rev  
X/15**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

05/09/2017

Submitted Date:

05/11/2017

Document Number:

685303042**FIELD INSPECTION FORM**Loc ID 311925 Inspector Name: St John, William (Cal) On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 26625Name of Operator: ELM RIDGE EXPLORATION COMPANY LLCAddress: 12225 GREENVILLE AVE STE 950City: DALLAS State: TX Zip: 75243-**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**26 Number of Comments4 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Redmond, Nolan	720-484-2347	Inspections@catamountep.com	<a href="#">All Inspections</a>
Archuleta, Amy		aarchuleta@elmridge.net	<a href="#">SW Inspection Reports</a>
, Engineering		dnr_cogcc_engineering@state.co.us	
Lindeman, Terry	505-632-8048 EXT 210	tlindeman@elmridge.net	<a href="#">SW Inspection Reports</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
269	WELL	PR	05/09/2011	GW	067-09491	IGE 138	PR
270210	WELL	PR	01/14/2005	GW	067-08895	HERRERA 1A	PR
270215	WELL	TA	02/01/2017	GW	067-08896	SEMLER 2	TA
295628	WELL	PR	01/07/2011	GW	067-09530	IGE 137	PR

**General Comment:**

See link at end of report for path to downloadable pictures. Inspection report contains corrective action and comments. See Good Housekeeping, Tanks and Berms, Related Facilities, and Stormwater sections of report for additional details.

Location				
<b>Lease Road:</b>				
Type	Access			
comment:	Dirt and gravel two track road.			
Corrective Action	L			Date:
Overall Good: <input type="checkbox"/>				
<b>Signs/Marker:</b>				
Type	CONTAINERS			
Comment:	Labels on lube oil tank.			
Corrective Action:				Date:
Type	WELLHEAD			
Comment:	Free standing framed sign located at wellhead.			
Corrective Action:				Date:
Type	TANK LABELS/PLACARDS			
Comment:	Labels directly on produced water tank.			
Corrective Action:				Date:
Emergency Contact Number:				
Comment:	Operator contact information posted on wellhead sign.			
Corrective Action:				Date: _____
<b>Good Housekeeping:</b>				
Type	OTHER			
Comment:	Stained soil and gravel at IGE 138 pump jack. Less than a 5 gallon bucket clean up.			
Corrective Action:				Date:
Type	UNUSED EQUIPMENT			
Comment:	There are sucker rod sections at IGE 137 inside the fencing and a partial disassembled pump jack setting in SW corner of location.			
Corrective Action:	Remove unused equipment to comply with Rule 603.f using the Rule 603.f guidance document for further details.			Date: 08/10/2017
Overall Good: <input type="checkbox"/>				
<b>Spills:</b>				
Type	Area	Volume		
In Containment: No				
Comment: _____				
<input type="checkbox"/> Multiple Spills and Releases?				
<b>Fencing/:</b>				
Type	PUMP JACK			
Comment:	Safety rails.			
Corrective Action:				Date:
Type	WELLHEAD			
Comment:	6' Chain link fencing.			
Corrective Action:				Date:

<b>Equipment:</b>			corrective date
Type: Prime Mover	# 1		
Comment:	Natural gas motor.		
Corrective Action:		Date:	
Type: Other	# 8		
Comment:	Riser and valve.		
Corrective Action:		Date:	
Type: Bird Protectors	# 3		
Comment:			
Corrective Action:		Date:	
Type: Vertical Heated Separator	# 3		
Comment:			
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 4		
Comment:			
Corrective Action:		Date:	
Type: Gas Meter Run	# 4		
Comment:			
Corrective Action:		Date:	
Type: Plunger Lift	# 3		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	# 4		
Comment:	Wellhead.		
Corrective Action:		Date:	
Type: Deadman # & Marked	# 3		
Comment:			
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLs	STEEL AST		,
Comment:	Above ground 400 BBL tank with earthen berms. Loadout valve on tank is leaking. The valve is releasing less than 10 drips a minute but has created a wet spot about 2' in diameter. Contacted Catamount Forman 5/9/17 12:00 pm.				
Corrective Action:	Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.				Date: 05/19/2017

Paint

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:	Berms are weathering and will require maintenance soon.				
Corrective Action:				Date:	

**Venting:**

Yes/No	NO		
Comment:	Bradenhead valves are open on the Semler #2, Herrera #1-A, and the IGE 138.		
Corrective Action:		Date:	

**Flaring:**

Type			
Comment:			
Corrective Action:		Date:	

**Inspected Facilities**Facility ID: 269 Type: WELL API Number: 067-09491 Status: PR Insp. Status: PR**Producing Well**Comment: PR - Review of electronic well file reflects last reported production as February 2017.

Corrective Action:

Date:

Facility ID: 270210 Type: WELL API Number: 067-08895 Status: PR Insp. Status: PR**Producing Well**Comment: PR - Review of electronic well file reflects last reported production as February 2017.

Corrective Action:

Date:

Facility ID: 270215 Type: WELL API Number: 067-08896 Status: TA Insp. Status: TA**Idle Well**Purpose: ☐ Shut In ☒ Temporarily Abandoned

Reminder: \_\_\_\_\_

Comment: Well is TA with production related equipment removed (separator). Review of electronic well file reflects well was SI from December 2008 until July 2012. Well was then reported PR in August 2012 through November 2012 and then reported SI in December 2012. The last reported production in the record was January 2013. Well status reported TA since February 2013. Electronic well file indicates a successful MIT was conducted 11/12/12.

Corrective Action: No current MIT on record after well status reported as TA in February 2013 as required by Rule 326. Contact [dnr\\_cogcc\\_Engineering@state.co.us](mailto:dnr_cogcc_Engineering@state.co.us) with resolution plan.

Date: 05/22/2017Facility ID: 295628 Type: WELL API Number: 067-09530 Status: PR Insp. Status: PR**Producing Well**

Comment: PR - Review of electronic well file indicates the last reported production as February 2017. At time of inspection the well does not appear to be producing.

Corrective Action:

Date:

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: Location surrounded by pasture to the S, E, and N. W is treed with Oak Brush, Juniper, and Pinion.**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003a. Waste and Debris removed? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? Pass

Comment \_\_\_\_\_

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

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 \_\_\_\_\_

## 1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment \_\_\_\_\_

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

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 \_\_\_\_\_

## 1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

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
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Fail	Lube oil tank with no spill prevention.
Gravel	Pass	Gravel	Pass			
Ditches	Pass	Ditches	Pass			
		Culverts	Pass			
		Rip Rap	Pass			

Comment: There is a small erosion channel located on W side of location just off from location entrance. Currently 4"-6" wide and 2"-4" deep created by stormwater running along access road. Lube oil tank at pump jack has no spill prevention.

Corrective Action: Install or repair required BMPs to comply with Rule 1002.f using the 1002.f guidance document for further details.

Date: 06/11/2017

Pits: ☒ NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
401281191	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145191">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145191</a>
685303063	Stained soil and gravel at pump jack.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145182">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145182</a>
685303064	Lube oil tank with no spill prevention.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145183">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145183</a>
685303065	Sucker rod section inside pump jack fencing.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145184">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145184</a>
685303066	One of three open bradenhead valves.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145185">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145185</a>
685303067	Leak at produced water drain valve.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145186">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145186</a>