

**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:

05/08/2017

Submitted Date:

05/08/2017

Document Number:

685303000**FIELD INSPECTION FORM**Loc ID 311923 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:**14 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

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

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
89089	WELL	PR	06/01/1999	GW	067-08193	MCELVAIN-HARMON 1A	PR

**General Comment:**

[See link at end of report for path to downloadable pictures.](#) [Inspection report contains corrective action and comment.](#) [See Stormwater section for additional details.](#)

**Location**

<b>Lease Road:</b>			
Type	Access		
comment:	Dirt and gravel two track road.		
Corrective Action		Date:	

Overall Good: ☐

<b>Signs/Marker:</b>			
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: \_\_\_\_\_

Overall Good: ☐

<b>Spills:</b>				
Type	Area	Volume		

In Containment: No

Comment:

☐ Multiple Spills and Releases?

<b>Equipment:</b>			corrective date
Type: Gas Meter Run	# 1		
Comment:			
Corrective Action:		Date:	
Type: Dehydrator	# 2		
Comment:			
Corrective Action:		Date:	
Type: Gas Meter Run	# 2		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:			
Corrective Action:		Date:	
Type: Plunger Lift	# 1		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	# 1		

Comment:	Wellhead.		
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS	
PRODUCED WATER	1	OTHER	Open Top		,	
Comment:	Steel open top tank with steel mesh top surrounded by earthen berms.					
Corrective Action:					Date:	

**Paint**

Condition	Adequate	
Other (Content)		
Other (Capacity)	25 BBLS	
Other (Type)		

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:					Date:

**Venting:**

Yes/No	NO		
Comment:			
Corrective Action:			Date:

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities				
Facility ID: 89089	Type: WELL	API Number: 067-08193	Status: PR	Insp. Status: PR
Producing Well				
Comment:	PR - Review of electronic well file indicates last reported production as February 2017.			
Corrective Action:			Date:	

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

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

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

Comment: Shared location with Red Willow Production. Location just up slope on base of ridgeline with cut and fill slopes.**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? \_\_\_\_\_

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
Gravel	Fail	Gravel	Pass			
Sediment Traps	Pass					
Compaction	Fail	Compaction	Pass	Material Handling And Spill Prevention	Pass	Berms around open top tank.
Waddles	Pass	Culverts	Pass			
Rip Rap	Pass					

Comment: There are 3 erosion channels along the N fill slope perimeter. Erosion channels are located between location entrance heading W to small control building. Channels are 4"-18" wide and 4"-12" deep carrying sediment and stormwater off location.

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

Date: 06/08/2017

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
401277623	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142059">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142059</a>
685303026	Wellhead sign.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142039">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142039</a>
685303028	Erosion channel 1.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142040">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142040</a>
685303029	Erosion channel 2.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142041">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142041</a>
685303030	Erosion channel 3.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142042">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142042</a>