

**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:

04/26/2017

Submitted Date:

04/28/2017

Document Number:

685302839**FIELD INSPECTION FORM**Loc ID 311897 Inspector Name: St John, William (Cal) On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

**Operator Information:**OGCC Operator Number: 26625Name of Operator: ELM RIDGE EXPLORATION COMPANY LLCAddress: 12225 GREENVILLE AVE STE 950City: DALLAS State: TX Zip: 75243-**Findings:**20 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Lindeman, Terry	505-632-8048 EXT 210	tlindeman@elmridge.net	<a href="#">SW Inspection Reports</a>
Archuleta, Amy		aarchuleta@elmridge.net	<a href="#">SW Inspection Reports</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216577	WELL	PR	04/08/2011	GW	067-08183	FASSETT 1-A	PR
276638	WELL	PR	11/20/2005	GW	067-09025	IGW 104	PR
290037	WELL	PR	06/09/2009	GW	067-09347	IGW 120	PR

**General Comment:**

See link at end of report for path to downloadable pictures. This field inspection does not alleviate requirements to complete any open corrective actions from previous inspections. Inspection report contains corrective action and comment. See Signs/Marker, Equipment 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	TANK LABELS/PLACARDS			
Comment:	Label placed directly on tank. The NFPA label on the 45 BBL tank is not visible from outside the berms of the tank. Berms appear to of been recently repaired with the berm height increased making the label unreadable outside the berms. NFPA label should be visible to comply with Rule 210.			
Corrective Action:				Date:
Type	WELLHEAD			
Comment:	Free standing framed sign located at wellhead.			
Corrective Action:				Date:
Emergency Contact Number:				
Comment:	Operator contact information posted on wellhead sign.			
Corrective Action:				Date: _____
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	TANK BATTERY			
Comment:	Steel post and hog wire fencing.			
Corrective Action:				Date:
<b>Equipment:</b>				
Type: Flow Line	# 3			corrective date
Comment:				
Corrective Action:				Date:
Type: Other	# 1			
Comment:	Domestic tap.			
Corrective Action:				Date:
Type: Other	# 3			
Comment:	Riser and valve.			
Corrective Action:				Date:
Type: Bird Protectors	# 2			
Comment:	Fassett 1-A is missing bird protector on heater stack.			

Corrective Action:	Install bird protector to comply with Rule 201.		Date:	05/29/2017
Type: Vertical Heated Separator	# 2			
Comment:				
Corrective Action:			Date:	
Type: Horizontal Heated Separator	# 1			
Comment:				
Corrective Action:			Date:	
Type: Deadman # & Marked	# 3			
Comment:				
Corrective Action:			Date:	
Type: Gas Meter Run	# 3			
Comment:				
Corrective Action:			Date:	
Type: Ancillary equipment	# 3			
Comment:	Wellhead.			
Corrective Action:			Date:	
Type: Plunger Lift	# 2			
Comment:				
Corrective Action:			Date:	

**Tanks and Berms:**

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

**Paint**

Condition	Adequate
Other (Content)	
Other (Capacity)	45 BBLS
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:				Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST		,
Comment:	Above ground steel 400 BBL tank with earthen berms.				
Corrective Action:					Date:

**Paint**

Condition	Adequate
-----------	----------

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

**Berms**

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

**Venting:**

Yes/No	NO		
Comment:			
Corrective Action:			Date:

**Flaring:**

Type			
Comment:			
Corrective Action:			Date:

**Inspected Facilities**Facility ID: 216577 Type: WELL API Number: 067-08183 Status: PR Insp. Status: PR**Producing Well**Comment: [PR - Review of electronic well file record indicates last reported production as February 2017.](#)

Corrective Action:

Date:

Facility ID: 276638 Type: WELL API Number: 067-09025 Status: PR Insp. Status: PR**Producing Well**Comment: [PR - Review of electronic well file record indicates last reported production as February 2017.](#)

Corrective Action:

Date:

Facility ID: 290037 Type: WELL API Number: 067-09347 Status: PR Insp. Status: PR**Producing Well**Comment: [PR - Review of electronic well file record 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: Location is surrounded by open grazing with juniper, pinion, and sage.**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
Sediment Traps	Pass					
Gravel	Pass					
Compaction	Pass	Ditches	Pass			
Berms	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	Berms around produced water tanks.
Waddles	Pass					
Ditches	Pass	Gravel	Pass			

Comment: Stormwater BMPs appear to be functioning at time of inspection. Waddles require maintenance due to being damaged by livestock.

Corrective Action:

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

**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
401270170	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135086">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135086</a>
685302863	Wellhead sign for 067 09347.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135040">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135040</a>
685302864	Wellhead sign for 067 09025.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135041">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135041</a>
685302865	Wellhead sign for 067 08183.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135042">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135042</a>
685302866	45 BBL tank with NFPA label not visible from outside the berms.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135043">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135043</a>
685302867	45 BBL tank with NFPA label.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135044">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135044</a>
685302868	Fassett 1-A separator missing bird screen.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135045">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4135045</a>