

**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:

11/02/2016

Submitted Date:

11/16/2016

Document Number:

680601074**FIELD INSPECTION FORM**

Loc ID 312027 Inspector Name: ROY, CATHERINE 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:**7 Number of Comments3 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Archuleta, Amy		aarchuleta@elmridge.net	All SW Inspections
Lindeman, Terry		tlindeman@elmridge.net	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
89090	WELL	PR	10/06/2003	GW	067-08194	HARMON A 1A	RI

General Comment:

[This is an interim reclamation and stormwater inspection. Any corrective actions not addressed from previous inspections are still applicable.](#)

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Tanks and Berms:**

Contents	#	Capacity	Type	Tanak ID	SE GPS	
Comment:						
Corrective Action:					Date:	

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Insufficient		Inadequate
Comment:	Earthen berm is eroded and no longer functioning.			
Corrective Action:	Repair/replace berm.			Date: 12/30/2016

Venting:

Yes/No		
Comment:		
Corrective Action:		Date:

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities				
Facility ID: 89090	Type: WELL	API Number: 067-08194	Status: PR	Insp. Status: RI

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: Project area is surrounded by pinion juniper rangeland. Revegetation is progressing within interim reclamation areas.**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? PassComment Corrective Action Date _____Unused or unneeded equipment onsite? PassComment Corrective Action Date _____

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

Comment Corrective Action Date _____

Guy line anchors marked? _____

Comment Corrective Action Date _____

1003b. Area no longer in use? <u>In</u>	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? <u>In</u>	
Production areas have been stabilized? _____	Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____	Recontoured _____	Perennial forage re-established _____
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Non-Cropland

Top soil replaced _____	Recontoured _____	80% Revegetation _____
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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 Approximately 75 musk thistles were observed within the project area.

Corrective Action Musk thistles need to be controlled at the appropriate time but no later than June 15, 2017. Date 06/15/2017

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____	Date Final Reclamation Completed: _____
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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

Comment: An erosional channel that is approximately 2 to 3 feet wide and deep is forming in the eastern portion of the project area. Stormwater erosion is also occurring in the northwestern corner and along the western edge of the project area where stormwater runs down the cut-slopes and erodes channels into the cut-slope. See attached photos.

Corrective Action: Stormwater controls are needed to stabilize the eastern, northwestern and western portions of the project area.
 Date: 12/16/2016

Pits: ☒ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Location does not meet COGCC regulations. Berm is eroded and needs to be replaced by December 30, 2016. Weeds need to be controlled at the appropriate time but no later than June 15, 2017. Stormwater erosion needs to be controlled by December 16, 2016.	RoyC	11/16/2016

Attached Documents

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

Document Num	Description	URL
680601075	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4004832