

**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:

06/05/2018

Submitted Date:

06/25/2018

Document Number:

680602760**FIELD INSPECTION FORM**Loc ID 417056 Inspector Name: ROY, CATHERINE On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 74650Name of Operator: RIM OPERATING INCAddress: 5 INVERNESS DRIVE EASTCity: ENGLEWOOD State: CO Zip: 80112**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**8 Number of Comments3 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Elledge, Randy	505-320-4969	relledge@rimop.com	<a href="#">SW Inspection Reports</a>
Ferrin, Jeremy		jeremy.ferrin@state.co.us	
Ortiz, Liz	303-799-9828 Ext. 304	lortiz@rimop.com	<a href="#">SW Inspection Reports</a>
Rector, Mike	720-221-1677	mhr@rimop.com	<a href="#">SW Inspection Reports</a>
Arthur, Denise		denise.arthur@state.co.us	
St John, William (Cal)		cal.stjohn@state.co.us	
Labowskie, Steve		steve.labowskie@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
417058	WELL	PR	06/01/2011	GW	067-09814	BULLSEYE 22	RI

**General Comment:**

This is an interim reclamation and stormwater inspection. Corrective action identified in February and May 2018 inspections related to stormwater erosion within the project area is not sufficiently addressed. Stormwater controls recently installed do not conform to good engineering practices as required by the 1002 stormwater rules. See details below. This matter is being referred to COGCC enforcement.



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

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

Land Use: RANGELAND

Comment: Project area is surrounded by pinyon juniper woodland and gambel oak shrubland. Revegetation within the northern project area appears to be progressing, but is weedy with annual weeds such as cheatgrass and jointed goatgrass (see below). Little vegetation establishment on the well pad cut-slope. See attached photos.

**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? \_\_\_\_\_

Comment: Black plastic netting debris identified within the northern interim reclamation area. Wood stakes remain after wattle removal in northern project area.

Corrective Action Remove debris. Date 07/21/2018

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

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? \_\_\_\_\_ Production areas stabilized ? Fail
- 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? F

Comment Approximately 100 musk thistles identified within the interim reclamation area. Approximately 1000 jointed goatgrass identified within the interim reclamation area. Musk thistle and jointed goatgrass are state and county-listed noxious weeds.

Corrective Action Control weeds. Due to seasonal timing, it may be necessary to subsequently control jointed goatgrass in spring 2019. Corrective action date is based off of when the inspection is submitted and not the actual inspection date.

Date 07/13/2018

**Overall Interim Reclamation****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 \_\_\_\_\_

## 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: <span style="border: 1px solid black; display: inline-block; width: 600px; height: 20px;"></span>	Date <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px;"></span>
Overall Final Reclamation <span style="border: 1px solid black; display: inline-block; width: 200px; height: 20px;"></span>	Well Release on Active Location <span style="border: 1px solid black; display: inline-block; width: 20px; height: 20px;"></span>
Multi-Well Location <span style="border: 1px solid black; display: inline-block; width: 20px; height: 20px;"></span>	

  

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

  

Comment: 
 Corrective actions to stabilize well pad cut and fill slopes is not sufficiently addressed.  
 ~Well pad berms are not properly stabilized (compacted or vegetated)  
 ~Loose soil placed on the fill slope is not stabilized and will rapidly erode downslope  
 ~Wattles removed from northern edge of interim reclamation area does not address stormwater issue in this area.  
 ~Well pad cut slope is steep and supports little vegetation. Erosion controls are needed to stabilize slope  
 ~New diversion to southeastern corner of the well pad appears to be functional, but cobble run-down at the outlet is poorly designed and does not appear sufficient

Corrective Action: 
 Stormwater and erosion controls need to be installed to stabilize erosion within the project area. These need to be designed, implemented, and maintained in accordance with good engineering practices in a manner that will minimize erosion and control sediment transport.  
  
 Corrective action date will remain to document time since original corrective action date.

Date:  03/21/2018

  

**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
680602762	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4504614">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4504614</a>