

**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:

04/22/2019

Submitted Date:

04/30/2019

Document Number:

693900237

FIELD INSPECTION FORM
 Loc ID 326208 Inspector Name: ROY, CATHERINE On-Site Inspection ☐ 2A Doc Num:
Operator Information:

OGCC Operator Number: 10663

Name of Operator: ENDURING RESOURCES LLC

Address: 1050 17TH STREET SUITE 2500

City: DENVER State: CO Zip: 80265

Status Summary:☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**

6 Number of Comments

2 Number of Corrective Actions

☒ Corrective Action Response Requested
**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE**
Contact Information:

Contact Name	Phone	Email	Comment
Pohl, April	505-444-0520	apohl@enduringresources.com	All Inspections Southwest
Walter, Kyle		kwalter@enduringresources.com	All Inspections
McDaniel, James	505-444-3004	jmcdaniel@enduringresources.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216044	WELL	PR	03/17/1993	GW	067-07650	INDIAN CREEK WHEELER 13-2	RI

General Comment:

This is an interim reclamation and stormwater inspection.

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

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

Land Use: _____

Comment: _____

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? _____

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? **Fail**

Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

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

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation **Fail**

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? _____ I _____

Comment Project area is surrounded by pinyon juniper woodland. Revegetation is progressing within the eastern project area. Revegetation is sparse on well pad cut-slopes and erosion is occurring.

Corrective Action Revegetate the well pad cut-slopes. Stabilization measures need to be installed until slopes are revegetated (also described below).

Date **05/31/2019**

Overall Interim Reclamation **Fail**

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

Comment: Stormwater controls within the southeastern project area are full of sediment and no longer functioning. Erosion is occurring along the access road at the culvert where stormwater controls are not present to provide stabilization and sediment control for flows entering the stream at the crossing. Additionally erosional channeling and sedimentation is occurring on well pad cut-slopes.

Corrective Action: Stormwater controls in the southeastern project area need maintenance and replacement as needed. Stormwater controls are also needed along the access road to stabilize both sides of the culvert and flows entering the stream. Erosion controls are needed on well pad cut-slopes to provide stabilization until they can be stabilized within vegetation. Stormwater and erosion controls need to be selected and installed using good engineering practices such as those described in CDOT manuals.

Date: 05/31/2019

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
402027410	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4811151
693900238	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4811145