

**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:

03/15/2017

Submitted Date:

03/21/2017

Document Number:

680601371**FIELD INSPECTION FORM**Loc ID 424696 Inspector Name: ROY, CATHERINE On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10559Name of Operator: SOUTHLAND ROYALTY COMPANY LLCAddress: 400 WEST 7TH STREETCity: FORT WORTH State: TX Zip: 76102**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
Semler, Willard	505-330-4302	wsemler@ctfieldsvcs.com	SW Inspection Reports
Hampton, John	505-330-4377	jhampton@ctfieldsvcs.com	SW Inspection Reports

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
424700	WELL	PR	05/07/2012	GW	007-06308	NAVAJO LAKE 32-5 21-2	RI
424716	WELL	PR	05/01/2012	GW	007-06309	NAVAJO LAKE 32-5 21-1	RI

General Comment:

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

Inspected Facilities									
Facility ID:	424700	Type:	WELL	API Number:	007-06308	Status:	PR	Insp. Status:	RI
Facility ID:	424716	Type:	WELL	API Number:	007-06309	Status:	PR	Insp. Status:	RI

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

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

Land Use: IMPROVED PASTURE

Comment: Project area is surrounded by pinion juniper woodland and irrigated pasture. Poor revegetation within the interim reclamation areas. Working area is fenced.**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 Barbed wire, netting, and pipe debris were observed in the southern and eastern portions of the project area (outside of the fenced area).Corrective Action Remove debris.Date **04/28/2017**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? _____
- Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

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

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 Inspection 667100373 describes poor revegetation and the potential need for seeding to occur in 2015. There is not evidence that this has occurred as there is little vegetation growing on the well pad fill slopes. See attached photos.

Corrective Action Interim reclamation areas need to be revegetated, seeding should occur no later than May 31, 2017. Mulching is recommended for successful seed establishment.

Date **05/31/2017**

Overall Interim Reclamation **Fail**

Final Reclamation/ Abandoned Location:

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

Final Land Use: **IMPROVED PASTURE**

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
<p>Comment: Cobble diversion in the northern portion of the project area is filling with sediment and will soon need maintenance, but appears to be functioning at this time. Wattles in the eastern portion of the project area are no longer functioning and need to be replaced. An erosional channel is forming in the southern portion of the project area. See attached photos.</p> <p>Corrective Action: Wattles in the eastern portion of the project area need to be replaced. Stormwater erosion in the southern portion of the project area needs to be stabilized.</p> <p>Date: 04/28/2017</p>						
<p>Pits: <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

COGCC Comments

Comment	User	Date
<p>Debris needs to be removed by April 28, 2017.</p> <p>Seeding of interim reclamation areas needs to be completed by May 31, 2017.</p> <p>Stormwater erosion needs to be controlled by April 28, 2017.</p>	RoyC	03/21/2017

Attached Documents

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

Document Num	Description	URL
401241982	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4107280
680601372	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4107279