

**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:

09/13/2018

Submitted Date:

09/25/2018

Document Number:

685305352**FIELD INSPECTION FORM**Loc ID 424696 Inspector Name: St John, William (Cal) 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:**25 Number of Comments3 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Howe, Mike		MHowe@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	PR
424716	WELL	PR	05/01/2012	GW	007-06309	NAVAJO LAKE 32-5 21-1	PR

General Comment:[Inspection completed as routine inspection requirement.](#)[This inspection does not alleviate requirement for operator to complete any open corrective actions from previous inspections.](#)[See link at end of report for path to downloadable pictures.](#)

Location			
Lease Road:			
Type	Access		
comment:	Dirt and gravel access road.		
Corrective Action	L	Date:	
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	CONTAINERS		
Comment:	Labels directly on containers.		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Framed metal sign at wellhead.		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Signage directly on tank battery.		
Corrective Action:		Date:	
Emergency Contact Number:			
Comment:	Operator contact information posted on wellhead sign.		
Corrective Action:		Date:	
Good Housekeeping:			
Type	DEBRIS		
Comment:	Dried weed debris in NE corner, N on top of cut slope, and along NW perimeter fencing.		
Corrective Action:	Remove debris to comply with Rule 603.f.		Date: 10/27/2018
Type	TRASH		
Comment:	Barbwire and waddle netting debris noted in E perimeter of location (outside of the fenced area). Waddle black netting is tangled in and along S landowner fencing along county road. Loose wire is considered a wildlife entanglement hazard and needs to be removed immediately.		
Corrective Action:	Remove trash to comply with Rule 603.f and Rule 210.		Date: 10/27/2018
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
In Containment: No			
Comment:			
<input type="checkbox"/> Multiple Spills and Releases?			
Fencing/:			
Type	LOCATION		
Comment:	Chainlink fencing topped with barbwire.		
Corrective Action:		Date:	
Equipment:			
Type: Deadman # & Marked	# 4		corrective date

Comment:		Date:	
Corrective Action:		Date:	
Type: Other	# 1		
Comment:	Steel building with electric motor (water transfer equipment).	Date:	
Corrective Action:		Date:	
Type: Vertical Heated Separator	# 2		
Comment:		Date:	
Corrective Action:		Date:	
Type: Bird Protectors	# 4		
Comment:		Date:	
Corrective Action:		Date:	
Type: Ancillary equipment	# 1		
Comment:	Electrical control equipment.	Date:	
Corrective Action:		Date:	
Type: Ancillary equipment	# 2		
Comment:	Wellhead.	Date:	
Corrective Action:		Date:	
Type: Gas Meter Run	# 2		
Comment:		Date:	
Corrective Action:		Date:	
Type: Flow Line	# 5		
Comment:	<p>21-1</p> <p>In use - 6" steel line from wellhead casing and tubing to separator inlet. All points co-located.</p> <p>In use - 3" steel line from separator outlet to gas meter inlet. All points co-located.</p> <p>In use - 1" steel supply gas line from separator outlet to wellhead. All points co-located.</p> <p>In use - 1" steel supply gas line from separator outlet to tank battery. All points co-located.</p> <p>Unused - 2" steel riser at wellhead to separator. Va;ve closed and locked, tagged, and end at wellhead plugged.</p>	Date:	
Corrective Action:		Date:	
Type: Ancillary equipment	# 1		
Comment:	Electrical supply equipment.	Date:	
Corrective Action:		Date:	
Type: Ancillary equipment	# 2		
Comment:	Telemetry equipment.	Date:	
Corrective Action:		Date:	
Type: Ancillary equipment	# 2		
Comment:	Chemical tank and pump on spill prevention.	Date:	
Corrective Action:		Date:	
Type: Flow Line	# 5		

Comment:	<p>21-2</p> <p>In use - 6" steel line from wellhead casing and tubing to separator inlet. All points co-located.</p> <p>In use - 3" steel line from separator outlet to gas meter inlet. All points co-located.</p> <p>In use - 1" steel supply gas line from separator outlet to wellhead. All points co-located.</p> <p>In use - 1" steel supply gas line from separator outlet to tank battery. All points co-located.</p> <p>Unused - 2" steel riser at wellhead to separator. Valves are locked off, tagged and line end at wellhead plugged.</p>		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	400 BBLS	HEATED STEEL AST		,
Comment:					
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:				
Corrective Action:				Date:

Venting:

Yes/No	NO	
Comment:		
Corrective Action:		Date:

Flaring:

Type	
Comment:	
Corrective Action:	Date:

Inspected FacilitiesFacility ID: 424700 Type: WELL API Number: 007-06308 Status: PR Insp. Status: PR**Producing Well**Comment: PR.

Corrective Action:

Date:

Facility ID: 424716 Type: WELL API Number: 007-06309 Status: PR Insp. Status: PR**Producing Well**Comment: PR.

Corrective Action:

Date:

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

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

Land Use: IMPROVED PASTURE

Comment: Location has large foot print with little beneficial vegetation on perimeter areas as noted in previous inspection. Area require reseeding and monitoring. Corrective action date remains the same as documented in inspection number 680601371.

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 REVEGETATIONCropland

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: 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
Berms	Fail	Compaction	Pass	Material Handling And Spill Prevention	Pass	Chemical tanks on spill control.
Ditches	Fail	Ditches	Pass			
Gravel	Pass	Gravel	Pass			
Compaction	Fail	Culverts	Pass			
Waddles	Fail					
Rip Rap	Fail					

Comment: Cobble run on E slope has erosion channel outside installed cobble. Stormwater from that E area at gated is carrying sediment onto location and pluming sediment across location. Rock lined ditch at top of N cut slope is full of sediment and has been breeched and requires maintenance. The S fill slope has erosion channels and rilling. Channels are 4"-18" wide and 3" to 12" deep. Stormwater and sediment flow is flowing across dry pasture and out landowner fencing. Waddles installed along base of fence are under cut and not functioning. Waddles in SW corner are full on backside and no longer effective.

Corrective Action: **Install or repair required BMPs to comply with Rule 1002.f.**

Date: 10/27/2018

Pits: ☒ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Similar issues were noted in inspection report 680601371 dated 03/15/2017. Open corrective actions from that inspection report may remain open and are not affected by this field inspection.	stjohnw	09/13/2018

Attached Documents

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

Document Num	Description	URL
401775719	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4590193
685305433	Inspection photos.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4590182