

FORM INSP <small>Rev 05/11</small>	State of Colorado				DE	ET	OE	ES	
	Oil and Gas Conservation Commission				Inspection Date: <u>08/20/2014</u>				
<small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small>				Document Number: <u>673705681</u>					

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>236601</u>	<u>317127</u>	<u>Sherman, Susan</u>	2A Doc Num:	

Unsatisfactory

Operator Information:

OGCC Operator Number: 74770 Name of Operator: RITCHIE EXPLORATION INC

Address: P O BOX 783188

City: WICHITA State: KS Zip: 67278-

Contact Information:

Contact Name	Phone	Email	Comment
Niernberger, John	(316) 691-9500	jniernberger@ritchie-exp.com	
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	
Nicholson, Dave	(303) 601-2023	dknicholson@q.com	

Compliance Summary:

QtrQtr: SENW Sec: 13 Twp: 3S Range: 54W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
10/18/2007	200121182	PR	SI	S			N
11/03/1997	500159464	PR	PR			F	Y
12/08/1995	500159463	PR	PR			P	
09/26/1995	500159467	PR	PR			F	Y

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
107619	PIT		09/23/1999		-	RODERICK 1	<input type="checkbox"/>
107620	PIT	AC	09/23/1999		-	RODERICK "P"	<input type="checkbox"/>
236601	WELL	PR	08/22/2011	OW	121-09091	RODERICK 1	<input checked="" type="checkbox"/>

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	No well ID sign (see Rules 210.b.1&2). Not required if well is near battery sign.		
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			
CONTAINERS	Unsatisfactory	Blue barrels at wellhead not labeled (see attached photo).	Install sign to comply with rule 210.	10/20/2014

Emergency Contact Number: (S/U/V) Satisfactory _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	partially with pig panels		

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Prime Mover	1	Satisfactory	electric		
Ancillary equipment	6	Satisfactory	2 REA poles, cathodic protection, electric panel, propane tank at treater		
Bird Protectors	1	Satisfactory	on treater		
Deadman # & Marked	4	Satisfactory			
Veritcal Heater Treater	1	Satisfactory	210 BBL capacity. Berms 39.79316, - 103.38556		
Pump Jack	1	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	200 BBLS	FIBERGLASS AST	39.792290,-103.385490
S/U/V:	Satisfactory		Comment: _____	
Corrective Action:	_____			Corrective Date: _____
<u>Paint</u>				
Condition	_____			
Other (Content)	_____			
Other (Capacity)	210 bbls _____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action	_____			Corrective Date _____
Comment	_____			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	500 BBLS	STEEL AST	39.793340,-103.385630
S/U/V:	Satisfactory		Comment: _____	
Corrective Action:	_____			Corrective Date: _____
<u>Paint</u>				
Condition	_____			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action	_____			Corrective Date _____
Comment	_____			

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 236601

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____
Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Comment: _____

CA: _____ **Date:** _____

Wildlife BMPs:

Comment: _____

CA: _____ **Date:** _____

Stormwater:

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____
Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____
Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 236601 Type: WELL API Number: 121-09091 Status: PR Insp. Status: PR

Producing Well

Comment: June 2014 last reported production data.

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

Lat

Long

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment:

- 1003a. Debris removed? Pass CM _____
CA _____ CA Date _____
- Waste Material Onsite? Pass CM _____
CA _____ CA Date _____
- Unused or unneeded equipment onsite? Pass CM _____
CA _____ CA Date _____
- Pit, cellars, rat holes and other bores closed? _____ CM _____
CA _____ CA Date _____
- Guy line anchors removed? _____ CM _____
CA _____ CA Date _____
- Guy line anchors marked? Pass CM _____
CA _____ CA Date _____

1003b. Area no longer in use? Pass Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? Pass Subsidence over on drill pit? In

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In

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

RESTORATION AND REVEGETATION

Cropland

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

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation Pass

1003 f. Weeds Noxious weeds? _____ I _____

Comment:

Overall Interim Reclamation In Process

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 _____

Comment: _____

Corrective Action: _____ Date _____

Overall Final Reclamation Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Compaction	Pass	Compaction	Pass	MHSP	Fail	
Gravel	Pass	Gravel	Pass			
Berms	Fail					

S/U/V: **Unsatisfactory** Corrective Date: **10/20/2014**

Comment: **Blue barrels need secondary containment. Pit berms eroding into field on S side (see attached photo).**

CA: **Install stormwater BMPs at blue barrels and S side of pit berm.**

Pits:

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.792690 Long: -103.385520

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/U/V): Satisfactory Comment: **Pit berms eroding into field on the S side.**

Corrective Action: _____ Date: _____

Attached Documents

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

Document Num	Description	URL
673705718	Ritchie Roderick 1 well sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417009
673705720	Ritchie Roderick 1 wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417010
673705721	Ritchie Roderick 1 Bat sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417011
673705723	Ritchie Roderick 1 well blue barrels	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417012
673705724	Ritchie Roderick 1 Bat tanks	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417013
673705725	Ritchie Roderick 1 Bat tank berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417014
673705726	Ritchie Roderick 1 Bat treater	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417015
673705727	Ritchie Roderick 1 Bat skim tank	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417016
673705728	Ritchie Roderick 1 Bat pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417017
673705729	Ritchie Roderick 1 Bat berms eroding into field	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417018
673705730	Ritchie Roderick 1 Bat belt/trash	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417019