

Inspector Name: Sherman, Susan

**FORM
INSP**Rev
05/11**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
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Inspection Date:

08/20/2014

Document Number:

673705681

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

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

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
Niernerger, John	(316) 691-9500	jniernerger@ritchie-exp.com	
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	
Nicholson, Dave	(303) 601-2023	dknicholson@q.com	

Compliance Summary:

QtrQtr: <u>SENW</u>	Sec: <u>13</u>	Twp: <u>3S</u>	Range: <u>54W</u>				
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			

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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: openrange/hay

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? InProduction areas have been stabilized? Pass Segregated soils have been replaced? Pass**RESTORATION AND REVEGETATION**Cropland

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

Non-CroplandTop soil replaced Pass Recontoured Pass 80% Revegetation Pass1003 f. Weeds Noxious weeds? I

Comment: _____

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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