

**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:  
10/16/2014

Document Number:  
673707041

Overall Inspection:

**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>237910</u>	<u>317291</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>74770</u>
Name of Operator:	<u>RITCHIE EXPLORATION INC</u>
Address:	<u>P O BOX 783188</u>
City:	<u>WICHITA</u> State: <u>KS</u> Zip: <u>67278-</u>

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

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

**Compliance Summary:**

QtrQtr: SESE Sec: 1 Twp: 1S Range: 55W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/09/2008	200124909	PR	PR	<b>ACTION REQUIRED</b>			Yes
07/11/2007	200115918	PR	PR	<b>ACTION REQUIRED</b>		<b>Fail</b>	Yes
05/21/2003	200039665	PR	PR	SATISFACTORY		Pass	No
12/23/1997	500159925						
12/22/1997	500159924						
11/07/1995	500159923	PR	PR			<b>Fail</b>	Yes
09/19/1995	500159922	PR	PR			<b>Fail</b>	Yes

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
237910	WELL	PR	09/12/1989	OW	121-10413	ALEXANDER 1-B	PR <input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

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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**

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	ACTION REQUIRED	PW tank, propane tanks at well and treater, and orange drum at treater not labeled (see attached photos).	Install sign to comply with rule 210.	11/17/2014
BATTERY	ACTION REQUIRED	Wrong operator, 1/4 1/4 sections wrong	Install sign to comply with rule 210.	11/17/2014
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	ACTION REQUIRED	Wrong opeartor	Install sign to comply with rule 210.	11/17/2014

Emergency Contact Number (S/A/V): ACTION Corrective Date: 10/27/2014

Comment: no emergency contact number on sign

Corrective Action: Add emergency contact number to sign.

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	Remove or remediate stained soil at wellhead (see attached photo). Fix leak.	10/27/2014
Lube Oil	Pump Jack	<= 5 bbls	Remove or remediate stained soil at prime mover.	11/03/2014
Other	Treater	<= 5 bbls	Chemical drum inside treater berms leaking (see attached photo). Remove drum.	10/27/2014

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PUMP JACK	SATISFACTORY	steel panels		
TANK BATTERY	SATISFACTORY	barbed wire		
WELLHEAD	SATISFACTORY	pig panels		

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Prime Mover	1	SATISFACTORY	propane		
Veritcal Heater Treater	2	SATISFACTORY	berms 39.99511, - 103.47791		
Deadman # & Marked	4	SATISFACTORY			

Inspector Name: Sherman, Susan

Ancillary equipment	2	SATISFACTORY	gas scrubber at wellhead and north CO tank		
Bird Protectors	3	SATISFACTORY	On treaters and tank smoke stack.		
Pump Jack	1	<b>ACTION REQUIRED</b>	leak	Fix leak.	12/01/2014

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	1		PBV FIBERGLASS	39.994940,-103.477840	
S/A/V:	<b>ACTION REQUIRED</b>	Comment:	no labels		
Corrective Action:	See Sign section for CA.			Corrective Date:	11/17/2014

Paint

Condition

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Inadequate
Corrective Action	Maintain south and west PW tank berms.			Corrective Date 11/03/2014
Comment	animal holes on south and west berms			

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2	300 BBLS	STEEL AST	39.995300,-103.477860	
S/A/V:		Comment:			
Corrective Action:				Corrective Date:	

Paint

Condition

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Inadequate
Corrective Action	Maintain tank berms of SE corner.			Corrective Date 11/03/2014
Comment	animal holes of SE corner			

**Venting:**

Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 237910

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**S/A/V:** \_\_\_\_\_ **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: 237910 Type: WELL API Number: 121-10413 Status: PR Insp. Status: PR

**Producing Well**

Comment: Aug 2014 last reported production data in database.

**Environmental**

**Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

Inspector Name: Sherman, Susan

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: pasture

- 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? Pass 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 \_\_\_\_\_

Inspector Name: Sherman, Susan

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation In

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 \_\_\_\_\_ 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
Gravel	Pass	Gravel	Pass			
Compaction	Pass	Compaction	Pass	MHSP	Fail	

S/A/V: **ACTION REQUIRED** Corrective Date: **11/17/2014**

Comment: **Chemical container at wellhead needs secondary containment (see attached photo).**

CA: **Install stormwater BMP at chemical container to prevent site degradation.**

**Pits:**  NO SURFACE INDICATION OF PIT

Inspector Name: Sherman, Susan

Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.994920 Long: -103.477900

**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/A/V): ACTION Comment: No pit permit.

Corrective Action: Check documentation for pit permit. Date: 11/03/2014

**Attached Documents**

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

Document Num	Description	URL
673707160	Ritchie Alexander 1B Bat sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461387">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461387</a>
673707161	Ritchie Alexander 1B well sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461388">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461388</a>
673707162	Ritchie Alexander 1B Bat tanks	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461389">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461389</a>
673707163	Ritchie Alexander 1B Bat treaters	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461390">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461390</a>
673707164	Ritchie Alexander 1B Bat leaking drum	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461391">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461391</a>
673707165	Ritchie Alexander 1B Bat unlabeled drum	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461392">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461392</a>
673707166	Ritchie Alexander 1B well chemical container	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461393">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461393</a>
673707167	Ritchie Alexander 1B wellhead stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461394">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461394</a>
673707168	Ritchie Alexander 1B Bat PW tank	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461395">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461395</a>
673707169	Ritchie Alexander 1B well she	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461396">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461396</a>
673707170	Ritchie Alexander 1B wellhead stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461397">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461397</a>
673707171	Ritchie Alexander 1B well shed stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461398">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3461398</a>

## **ACTION REQUIRED**

**ANY ACTION REQUIRED** items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)