

**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



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Inspection Date:  
02/25/2014

Document Number:  
663100243

Overall Inspection:  
**Unsatisfactory**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	236615	317128	Sherman, Susan	2A Doc Num:	

**Operator Information:**

OGCC Operator Number: \_\_\_\_\_

Name of Operator: RITCHIE EXPLORATION INC

Address: P O BOX 783188

City: WICHITA State: KS Zip: 67278-

- 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
NOTO, JOHN		john.noto@state.co.us	
Nierenberger, John	(316) 691-9500	john@ritchie-exp.com	All Inspections
Rowe, Gary	(620) 872-0330	rowe_gary@sbcglobal.net	All Inspections

**Compliance Summary:**

QtrQtr: SWSW Sec: 14 Twp: 3S Range: 52W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
07/24/2008	200194214	PR	PR	Satisfactory			No
09/12/2007	200118786	PR	PR	Satisfactory			No
08/24/2007	200118189	PR	PR	Unsatisfactory			Yes
08/31/1999	872910	ES	PR			Fail	Yes
04/22/1994	500159470		PR				Yes

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
107567	PIT		09/23/1999		-	SCHEETZ B-2 & B-4	<input type="checkbox"/>
107570	PIT	AC	09/23/1999		-	SHEETZ "B-P" 2 & 4	AC <input type="checkbox"/>
236615	WELL	PR	11/26/1996	OW	121-09106	SCHEETZ B-2	PR <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**

<b>Lease Road:</b>				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory	Through corn field, electric wire gate		

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	JW Gibson sign, can't read (see attached photo).	Install sign to comply with rule 210.	03/26/2014
CONTAINERS	Satisfactory			
TANK LABELS/PLACARDS	Unsatisfactory	No capacity on tanks, vault not labeled, manhole not labeled	Install sign to comply with rule 210.	03/26/2014
BATTERY	Satisfactory			

Emergency Contact Number: (S/U/V) Unsatisfactory Corrective Date: 03/26/2014

Comment:

Corrective Action:

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	Remove and remediate stained soil at wellhead (see attached photo).	02/28/2014
Crude Oil	Truck Loadout	<= 5 bbls	Remove and remediate stained soil at wellhead (see attached photo).	02/28/2014

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	pig wire		
TANK BATTERY	Satisfactory	electric wire on corn field side of battery		

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Veritcal Heater Treater	1	Satisfactory	berms 39.78519, - 103.17918		
Bird Protectors	1	Satisfactory			
Ancillary equipment	1	Satisfactory	propane tank		
Prime Mover	1	Satisfactory	electric		
Pump Jack	1	Satisfactory			

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2	300 BBLS	STEEL AST	39.785290,-103.178920	
S/U/V:	Satisfactory	Comment: <span style="color:red">capacity not on tanks</span>			
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition					
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate	
Corrective Action	<span style="color:red">Berms require maintenance to attain cacptiy.</span>			Corrective Date	<span style="border: 1px solid red;">03/26/2014</span>
Comment					
<b>Venting:</b>					
Yes/No	Comment				
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 236615

**Site Preparation:**

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

**S/U/V:** \_\_\_\_\_

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

**Form 2A COAs:**

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

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

**Wildlife BMPs:**

**S/U/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: 236615 Type: WELL API Number: 121-09106 Status: PR Insp. Status: PR

**Producing Well**

Comment: **PR**  
**Dec 2013 last reported**

**Environmental**

**Spills/Releases:**

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

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Inspector Name: Sherman, Susan

Reportable: _____	GPS: Lat _____	Long _____
Proximity to Surface Water: _____	Depth to Ground Water: _____	

**Water Well:**

DWR Receipt Num: _____	Owner Name: _____	GPS: _____	Lat _____	Long _____
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**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: corn field

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? Pass CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_ 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? \_\_\_\_\_ 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? Fail

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

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured Pass Perennial forage re-established Fail

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

Inspector Name: Sherman, Susan

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: Well location has crop to edges of equipment. Battery has open areas.

Overall Interim Reclamation

**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	SR	Pass	
Compaction	Pass	Compaction	Pass	MHSP	Pass	

S/U/V: Satisfactory \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

Pit Type: \_\_\_\_\_ Lined: \_\_\_\_\_ Pit ID: \_\_\_\_\_ Lat: 39.785130 Long: -103.179310

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): \_\_\_\_\_ Comment: manhole south of concrete buried vault

Corrective Action: label Date: 03/26/2014

Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.785210 Long: -103.180870

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: YES 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Unsatisfactory Comment: \_\_\_\_\_

Corrective Action: Remove and remediate oil on edges of pit. Date: 02/28/2014

Pit Type: Produced Water Lined: YES Pit ID: \_\_\_\_\_ Lat: 39.785140 Long: -103.179410

**Lining:**

Liner Type: Other Liner Condition: \_\_\_\_\_

Comment: concrete vault buried

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Unsatisfactory Comment: not labeled

Corrective Action: Label vault with contents, capacity and NFPA codes. Date: 03/26/2014

Inspector Name: Sherman, Susan

Pit Type: Skimming/Settling Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.785160 Long: -103.179420

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: Mesh Netting Condition: Good

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: YES 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Unsatisfactory Comment: \_\_\_\_\_

Corrective Action: Remove and remediate oil in skim pit. Date: 02/28/2014

**COGCC Comments**

Comment	User	Date
Ritchie Exploration, Inc., Remediation and Skim Pit Closure Work Plan Nov 2013 includes Scheetz remediation in April 2015.	ShermaSe	02/27/2014

**Attached Documents**

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

Document Num	Description	URL
663100343	Ritchie Scheetz B2 well sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290264">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290264</a>
663100344	Ritchie Scheetz B2 wellhead stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290265">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290265</a>
663100345	Ritchie Scheetz B2 Bat unlabeled vault	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290266">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290266</a>
663100346	Ritchie Scheetz B2 Bat treater	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290267">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290267</a>
663100347	Ritchie Scheetz B2 Bat tank loadout stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290268">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290268</a>
663100348	Ritchie Scheetz B2 Bat tank loadout stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290269">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290269</a>
663100349	Ritchie Scheetz B2 Bat tank berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290270">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290270</a>
663100350	Ritchie Scheetz B2 Bat skim pit oil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290271">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290271</a>
663100351	Ritchie Scheetz B2 Bat pit oil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290272">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290272</a>
663100352	Ritchie Scheetz B2 Bat pit oil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290273">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290273</a>
663100353	Ritchie Scheetz B2 Bat manhole	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290274">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290274</a>
663100354	Ritchie Scheetz B2 Bat CO tank label	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290275">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290275</a>