

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



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Inspection Date:

02/25/2014

Document Number:

663100241

Overall Inspection:

**Unsatisfactory****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>236474</u>	<u>317114</u>	<u>Sherman, Susan</u>	<input type="checkbox"/> 2A Doc Num: _____

**Operator Information:**

OGCC Operator Number:

Name of Operator: RITCHIE EXPLORATION INCAddress: P O BOX 783188City: 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
Nierenberger, John	(316) 691-9500	john@ritchie-exp.com	All Inspections
NOTO, JOHN		john.noto@state.co.us	
Rowe, Gary	(620) 872-0330	rowe_gary@sbcglobal.net	All Inspections
BURN, DIANA		diana.burn@state.co.us	

**Compliance Summary:**

QtrQtr: NWNE	Sec: 23	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	200194205	PR	PR	Unsatisfactory			Yes
11/24/2007	200122899	PR	PR	Satisfactory			No
09/17/2004	200059976	PR	PR	Satisfactory		Pass	No
10/15/1998	500159405	ES	PR			Pass	No
10/02/1998	500159404	ES	PR			Pass	No
09/21/1998	500159403	PR	SI			Fail	Yes
09/15/1997	500159402						
07/14/1994	500159401		PR				

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
107586	PIT		09/23/1999		-	SCHEETZ 2-23	<input type="checkbox"/>
107588	PIT	AC	09/23/1999		-	SHEETZ "P" 2-23	AC <input type="checkbox"/>
117505	PIT		09/23/1999		-	SCHEETZ 2	<input type="checkbox"/>
236474	WELL	PR	12/11/2012	OW	121-08964	SCHEETZ 'P' 2-23	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

#### Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory	through wheat field		

#### Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	South tank not labeled. No capacity labels on tanks.	Install sign to comply with rule 210.	03/25/2014
WELLHEAD	Unsatisfactory	no sign	Install sign to comply with rule 210.	03/25/2014
CONTAINERS	Satisfactory			

Emergency Contact Number: (S/U/V) Unsatisfactory

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

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

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

#### Spills:

Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	Remove and remediate stained soil at wellhead.	02/26/2014

☐ Multiple Spills and Releases?

#### Fencing/:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	pig wire		

#### Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Vertical Separator	1	Satisfactory	berms need maintenance 39.78476-103.16960		
Bird Protectors	1	Satisfactory	separator		
Ancillary equipment	2	Satisfactory	electric box at well, propane tank at separator		
Pump Jack	1	Satisfactory			
Prime Mover	1	Satisfactory	electric		
Deadman # & Marked	4	Satisfactory			

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<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	3	300 BBLS	STEEL AST	39.784790,-103.169900	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) no capacity labels _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Inadequate	Walls Insufficient	Base Sufficient	Inadequate	
Corrective Action	Maintain berms. Animals holes.			Corrective Date	03/25/2014
Comment					
<b>Venting:</b>					
Yes/No	Comment				
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 236474

**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: 236474 Type: WELL API Number: 121-08964 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: \_\_\_\_\_

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Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**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: wheat 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? \_\_\_\_\_ 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? \_\_\_\_\_ 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 REVEGETATION**

**Cropland**

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

**Non-Cropland**

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

1003 f. Weeds Noxious weeds?	P
Comment:	
Overall Interim Reclamation	Pass

Date Final Reclamation Started: _____	Date Final Reclamation Completed: _____
Final Land Use: _____	
Reminder: _____	
Comment:	<div style="border: 1px solid black; height: 30px; width: 100%;"></div>
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:	<div style="border: 1px solid black; height: 30px; width: 100%;"></div>
Corrective Action:	<div style="border: 1px solid black; height: 30px; width: 100%;"></div>
Overall Final Reclamation _____	Date _____
Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
				SR	Pass	
Compaction	Pass	Compaction	Pass	MHSP	Pass	

S/U/V: <u>Satisfactory</u>	Corrective Date: _____
Comment:	
CA:	

Pit Type: Skimming/Settling Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.784770 Long: -103.169400**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: oil on surface of skim pitCorrective Action: clean oil from pit Date: 02/26/2014Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.784890 Long: -103.169200**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: \_\_\_\_\_

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

Pit Type: Produced Water Lined: YES Pit ID: \_\_\_\_\_ Lat: 39.784790 Long: -103.169530**Lining:**Liner Type: Other Liner Condition: \_\_\_\_\_Comment: concrete vault, not labeled**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: stained soil around vault openingCorrective Action: Remove and remediate stained soil at vault opening. Date: 02/26/2014**COGCC Comments**

Comment	User	Date
At separator house got 38 ppm CO peak and 1 ppm H2S peak.	ShermaSe	02/25/2014

**Attached Documents**

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

Document Num	Description	URL
663100287	Ritchie Scheetz P 2-23 Bat sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288832">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288832</a>
663100289	Ritchie Scheetz P 2-23 Wellhead stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288833">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288833</a>
663100290	Ritchie Scheetz P 2-23 Bat tank label	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288834">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288834</a>
663100292	Ritchie Scheetz P 2-23 Bat treater house stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288835">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288835</a>
663100293	Ritchie Scheetz P 2-23 Bat tank berms animal holes	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288836">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288836</a>
663100294	Ritchie Scheetz P 2-23 Bat tanks	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288837">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288837</a>
663100295	Ritchie Scheetz P 2-23 Bat skim pit oil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288838">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288838</a>
663100296	Ritchie Scheetz P 2-23 Bat skim pit oil E	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288839">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288839</a>
663100297	Ritchie Scheetz P 2-23 Bat pit 2	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288840">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288840</a>
663100298	Ritchie Scheetz P 2-23 Bat vault	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288841">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288841</a>