

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:

663100236

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>236411</u>	<u>317110</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
Rowe, Gary	(620) 872-0330	rowe_gary@sbcglobal.net	All Inspections

Compliance Summary:QtrQtr: NWSW 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)
07/23/2008	200194029	PR	PR	Satisfactory			No
11/24/2007	200122708	PR	PR	Satisfactory			No
05/24/2006	200091198	PR	PR	Satisfactory		Pass	No
05/06/2004	200054409	PR	PR	Satisfactory		Pass	No
07/14/1994	500159373		PR				

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
117503	PIT		09/23/1999		-	SCHEETZ 1		<input checked="" type="checkbox"/>
236411	WELL	PR	08/14/2003	OW	121-08901	SCHEETZ 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

Lease Road:				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Unsatisfactory	Hazard-access road entrance to well has a one strand electric wire across it.	Put sign on entrance to indicate wire.	03/06/2014
Main	Satisfactory	Rutted		

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			
BATTERY	Unsatisfactory	Four south tanks need capacity labels.	Install sign to comply with rule 210.	03/25/2014
BATTERY	Satisfactory			

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

Comment: Answering service was a live person. Phone service in this area is not good.

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	Treater	<= 5 bbls	S treater house (see attached photo). Remove and remediate stained soil.	02/26/2014
Crude Oil	Truck Loadout	<= 5 bbls	Norht crude oil tanks (2) both loadouts (see attached photo). Remove and remediate stained soil.	02/26/2014
Crude Oil	Truck Loadout	<= 5 bbls	South crude oil tanks (4) all loadouts have stained soil (see attached photo). Remove and remediate stained soil.	02/26/2014
Crude Oil	WELLHEAD	<= 5 bbls	Remove and remediate stained soils at wellhead (see attached photo).	02/26/2014

☐ Multiple Spills and Releases?

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	Pig wire		
TANK BATTERY	Satisfactory	electric wire for corn field		

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Prime Mover	1	Satisfactory	electric		
Veritcal Heater Treater	1	Satisfactory	NorthBerms-breached (see attached photo).39.77944-103.18079could not get door open		
Ancillary equipment	3	Satisfactory	Electric box and cathodic protection. Propane tank at N treater.		

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Pump Jack	1	Satisfactory			
Deadman # & Marked	4	Satisfactory			
Veritcal Heater Treater	2	Satisfactory	southBerms-need work (see attached photo)39.77885- 103.18073		
Bird Protectors	3	Satisfactory	treaters		

Facilities:

☐ New Tank

Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	200 BBLS	STEEL AST	39.779720,-103.180870

S/U/V:	Satisfactory	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	
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Other (Content) _____

Other (Capacity) not labeled _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Sufficent	Base Sufficient	Inadequate

Corrective Action	Maintain berm walls to attain capacity	Corrective Date	03/25/2014
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Comment	
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Facilities:

☐ New Tank

Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	4	300 BBLS	STEEL AST	39.779050,-103.180570

S/U/V:	Satisfactory	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	
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Other (Content) _____

Other (Capacity) not labeled _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Sufficent	Base Sufficient	Inadequate

Corrective Action	Maintain berm walls to attain capacity	Corrective Date	03/25/2014
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Comment	
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Venting:

Yes/No	Comment

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Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 236411

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: 117503 Type: PIT API Number: - Status: _____ Insp. Status: _____

Facility ID: 236411 Type: WELL API Number: 121-08901 Status: PR Insp. Status: PR

Producing Well

Comment: PR
Dec 2013 last reported

Environmental

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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:

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: **cornfield, fenced**

1003a. Debris removed? Pass CM _____
CA _____ CA Date _____
Waste Material Onsite? Pass CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? _____ 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 ? _____

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

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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

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
Compaction	Pass	Compaction	Pass			

S/U/V: Satisfactory Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

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Pit Type: Produced Water Lined: NO Pit ID: 117503 Lat: 39.775719 Long: -103.178697

Lining:

Liner Type: _____ Liner Condition: _____

Comment: 39.77948, -103.18018

Fencing:

Fencing Type: Livestock Fencing Condition: Adequate

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 stained soil (see attached photo). Date: 03/04/2014

Attached Documents

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

Document Num	Description	URL
663100262	Ritchie Scheetz 2 Wellhead stained soil 2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288808
663100263	Ritchie Scheetz 2 Wellhead stained soil	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288809
663100264	Ritchie Scheetz 2 Well sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288810
663100266	Ritchie Scheetz 2 Bat truckloadout stained soil 3	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288811
663100267	Ritchie Scheetz 2 Bat treater house stained soil	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288812
663100268	Ritchie Scheetz 2 Bat treater berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288813
663100269	Ritchie Scheetz 2 Bat loadout stained soil	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288814
663100270	Ritchie Scheetz 2 Bat loadout stained soil 2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288815
663100271	Ritchie Scheetz 2 Bat tanks	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288816
663100272	Ritchie Scheetz 2 Bat tank label no capacity	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288817
663100273	Ritchie Scheetz 2,3,4,5 Bat pit with stained soil	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288818
663100274	Ritchie Scheetz 1 Bat treater erosion	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288819
663100275	Ritchie Scheetz 1 Bat loadout stained soils	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288820
663100276	Ritchie Scheetz 2,3,4,5 Bat pit sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288821
663100277	Ritchie Scheetz 2,3,4,5 Bat PW tank	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288822
663100278	Ritchie Scheetz 1 Bat treater sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288823
663100279	Ritchie Scheetz 2,3,4,5 Bat pit oil sheen	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3288824