

**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:

02/26/2014

Document Number:

663100316

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	
	<u>235298</u>	<u>317054</u>	<u>Sherman, Susan</u>	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

**Compliance Summary:**

QtrQtr: <u>SWNW</u>	Sec: <u>31</u>	Twp: <u>3S</u>	Range: <u>51W</u>				
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/21/2007	200122691	PR	PR	Satisfactory			No
05/10/2007	200111998	PR	PR	Satisfactory		Pass	No
08/06/2003	200042549	PR	PR	Satisfactory		Pass	No
10/02/2000	200010435	PR	PR	Unsatisfactory		Fail	Yes
09/21/2000	882438	ES	PR	Unsatisfactory		Fail	Yes
09/28/1999	200003754	ES	PR	Satisfactory		Pass	No
09/08/1999	873076	CO	PR			Pass	No
08/31/1999	873075	ES	PR			Fail	Yes
10/02/1998	500158976	ES	PR			Pass	No
09/21/1998	500158975	PR	PR			Fail	Yes
09/19/1998	500158974	ES	PR			Fail	Yes
04/25/1997	500158973	ES	PR			Pass	No
04/17/1997	500158972	ES	PR			Pass	No
04/15/1997	500158971	ES	PR			Fail	Yes
01/08/1997	500158970	PR	PR			Pass	No
12/10/1996	500158969	PR	PR			Fail	Yes
01/03/1996	500158968	PR	PR			Pass	No
12/20/1995	500158967	ES	PR			Fail	Yes
12/05/1995	500158966	PR	PR			Fail	Yes

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10/30/1995	500158965	PR	PR			Pass	No
10/11/1995	500158964	PR	PR			Pass	No
09/18/1995	500158963	PR	PR			Fail	Yes
09/12/1995	500158962	PR	PR			Fail	Yes
07/14/1994	500158961		PR				Yes

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
107549	PIT		09/23/1999		-	LIPPLEMAN 2		<input type="checkbox"/>
235298	WELL	PR	12/15/1963	OW	121-07510	LIPPELMANN 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			

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	No sign	Install sign to comply with rule 210.	03/26/2014
TANK LABELS/PLACARDS	Unsatisfactory	propane tank not labeled	Install sign to comply with rule 210.	03/26/2014
CONTAINERS	Satisfactory			
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	Treater	<= 5 bbls	Remove and remediate stained soil (see attached photo).	02/27/2014
Crude Oil	Truck Loadout	<= 5 bbls	West crude oil tank S side.Remove and remediate stained soil (see attached photo).	02/27/2014
Other	WELLHEAD	<= 5 bbls	Remove and remediate stained soil (see attached photo).	02/27/2014

☐ Multiple Spills and Releases?

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Veritcal Heater Treater	1	Satisfactory	berms39.75275-103.13964labeled		
Pump Jack	1	Satisfactory	Leaking lube oil on container (see attached photo).		
Ancillary equipment	6	Satisfactory	2 REA poles, cathodic protection, electric box, transformer, propane tank at treater		
Bird Protectors	1	Satisfactory	treater		
Deadman # & Marked	4	Satisfactory			
Prime Mover	1	Satisfactory	electric		
Other	2	Satisfactory	Enardo valve on W crude oil tank, smoke stack on middle tank.		

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____
Contents	#	Capacity	Type
PRODUCED WATER	1	200 BBLS	
S/U/V:	Comment: same berms as crude oil tanks		
Corrective Action:			Corrective Date:

**Paint**

Condition	
Other (Content)	_____
Other (Capacity)	210 _____
Other (Type)	_____

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

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<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	3	300 BBLS		39.752800,-103.139950	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Insufficient	Base Sufficient	Inadequate	
Corrective Action	maintain berms			Corrective Date	03/26/2014
Comment	animal holes				
<b>Venting:</b>					
Yes/No	Comment				
YES	second tank from east				
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 235298

**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: 235298 Type: WELL API Number: 121-07510 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:**

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: wheatfield

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 ? \_\_\_\_\_

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? Pass

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

**RESTORATION AND REVEGETATION**

Cropland

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

Non-Cropland

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

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

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

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
Compaction	Pass	Compaction	Pass	MHSP	Pass	
Gravel	Pass	Gravel	Pass			

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

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

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

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

**Pits:** ☐ NO SURFACE INDICATION OF PIT

Pit Type: Skimming/Settling Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.752790 Long: -103.139430**Lining:**

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

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

**Fencing:**

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

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

**Netting:**Netting Type: Mesh Netting Condition: GoodComment: Mesh and metal gridAnchor Trench Present: \_\_\_\_\_ Oil Accumulation: YES 2+ feet Freeboard: \_\_\_\_\_Pit (S/U/V): Unsatisfactory Comment: rills from skim pit to locationCorrective Action: Remove and remediate oil in skip pit (see attached photo). Date: 02/28/2014Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.752730 Long: -103.139080**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: Oil on edges of pit (see attached photo). Smaller of 2 pits.Corrective Action: Remove and remediate oil on edges of pit. Date: 02/28/2014Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.752710 Long: -103.138790**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): Unsatisfactory Comment: Weeds on pit berm, berms eroding into wheat field causing salt kill in field.Corrective Action: maintain weeds, berms and field Date: 03/26/2014**COGCC Comments**



Comment	User	Date
Ritchie Exploration Inc. has a Remediation and Skim Pit Clousre Work Plan (Nov 2013) including Lippelman 1, 2, and 4 for July and August 2015.	ShermaSe	02/26/2014

**Attached Documents**

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

Document Num	Description	URL
663100328	Ritchie Lippelman 2 wellhead stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290012">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290012</a>
663100329	Ritchie Lippelman Bat Enardo valve	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290013">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290013</a>
663100330	Ritchie Lippelman Bat pit berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290014">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290014</a>
663100331	Ritchie Lippelman Bat skim pit oil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290015">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290015</a>
663100332	Ritchie Lippelman Bat sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290016">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290016</a>
663100333	Ritchie Lippelman Bat tank smoke stack	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290017">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290017</a>
663100334	Ritchie Lippelman Bat skim pit oil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290018">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290018</a>
663100335	Ritchie Lippelman Bat tank stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290019">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290019</a>
663100336	Ritchie Lippelman Bat skim pit berm	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290020">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290020</a>
663100337	Ritchie Lippelman Bat tank berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290021">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290021</a>
663100338	Ritchie Lippelman Bat treater stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290022">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290022</a>
663100341	Ritchie Lippelman Bat pit edges	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290023">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290023</a>
663100342	Ritchie Lippelman well container	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290024">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3290024</a>