

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:
02/26/2014

Document Number:
663100316

Overall Inspection:
Unsatisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>235298</u>	<u>317054</u>	<u>Sherman, Susan</u>	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
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: SWNW Sec: 31 Twp: 3S Range: 51W

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

Inspector Name: Sherman, Susan

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	
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

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Signs/Marker:

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: _____

Spills:

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?

Equipment:					
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.		

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
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 _____

Facilities:		<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:	
Paint					
Condition	Adequate				
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
Berms					
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				
Venting:					
Yes/No	Comment				
YES	second tank from east				
Flaring:					
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: _____

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 _____

Inspector Name: Sherman, Susan

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: Good

Comment: Mesh and metal grid

Anchor Trench Present: _____ Oil Accumulation: YES 2+ feet Freeboard: _____

Pit (S/U/V): Unsatisfactory Comment: rills from skim pit to location

Corrective Action: Remove and remediate oil in skip pit (see attached photo). Date: 02/28/2014

Pit 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: 02/28/2014

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