

**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:  
03/19/2014

Document Number:  
673701733

Overall Inspection:  
**Unsatisfactory**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>237044</u>	<u>317178</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

**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	jnierenberger@ritchie-exp.com	
Nicholson, Dave	(303) 601-2023	dknicholson@q.com	
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	

**Compliance Summary:**

QtrQtr: NWSE Sec: 34 Twp: 2S Range: 52W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/24/2007	200122902	PR	PR	Satisfactory			No
05/06/2004	200054403	PR	PR	Satisfactory		Pass	No
11/10/2000	882439	ES	PR	Unsatisfactory	F	Fail	Yes
10/02/2000	200010433	PR	PR	Unsatisfactory		Fail	Yes
09/28/1999	200003756	ES	PR	Satisfactory		Pass	No
09/08/1999	873040	CO	PR			Fail	Yes
08/31/1999	873039	ES	PR			Fail	Yes
10/15/1998	500159649	ES	PR			Fail	Yes
09/21/1998	500159648	PR	PR			Fail	Yes
05/13/1996	500159647	PR	PR			Pass	No
09/01/1994	500159646		PR				Yes
07/14/1994	500159645		PR				Yes

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
104587	PIT		09/23/1999		-	HERZBERG 1	<input type="checkbox"/>
104588	PIT	AC	09/23/1999		-	HERZBERG "P"	AC <input type="checkbox"/>

237044	WELL	PR	11/26/1996	OW	121-09544	HERZBERG 'P' 1	PR	<input checked="" type="checkbox"/>
259020	PIT	AC	01/20/2001		-	HERZBERG P 1	AC	<input 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>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	Ritchie sign, no other ID.	Install sign to comply with rule 210.	04/24/2014
CONTAINERS	Satisfactory			
BATTERY	Unsatisfactory	Update sign (see attached photo).	Install sign to comply with rule 210.	04/18/2014
TANK LABELS/PLACARDS	Unsatisfactory	Quantity not labeled on crude oil and PW tanks (see attached photos). Propane tank not labeled (see attached photo).	Install sign to comply with rule 210.	04/18/2014

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

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

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

**Good Housekeeping:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WEEDS	Unsatisfactory	On PW pit banks (see attached photo).	Maintain weeds on pit banks	04/18/2014

**Spills:**

Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 5 bbls	At middle tank loadout and valve in berm (see attached photos).	04/18/2014

Multiple Spills and Releases?

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Deadman # & Marked	4	Satisfactory			
Vertical Heated Separator	1	Satisfactory	Door open, no gas readings detected. berms39.83406-103.18180		
Bird Protectors	1	Satisfactory	on separator		

Inspector Name: Sherman, Susan

Prime Mover	1	Satisfactory	electric		
Ancillary equipment	1	Unsatisfactory	propane tank	Install label.	04/18/2014
Pump Jack	1	Satisfactory	Oil on container from pump jack (see attached photo).		

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST	

S/U/V: \_\_\_\_\_ Comment: same berms as crude oil tanks

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

Paint

Condition

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

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

Comment \_\_\_\_\_

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	400 BBLS	STEEL AST	39.834290,-103.181750

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 Sufficient	Base Sufficient	Adequate

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

Comment \_\_\_\_\_

**Venting:**

Yes/No \_\_\_\_\_ Comment \_\_\_\_\_

NO \_\_\_\_\_

**Flaring:**

Type \_\_\_\_\_ Satisfactory/Unsatisfactory \_\_\_\_\_ Comment \_\_\_\_\_ Corrective Action \_\_\_\_\_ CA Date \_\_\_\_\_

**Predrill**

Location ID: 237044

**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: 237044 Type: WELL API Number: 121-09544 Status: PR Insp. Status: PR

**Producing Well**

Comment: **PR**  
Jan 14 last reported. Submit production data to COGCC.

**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: wheat field

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Waste Material Onsite? \_\_\_\_\_ 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? \_\_\_\_\_ CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ 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**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 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 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
Gravel	Pass	Gravel	Pass			
Compaction	Pass	Compaction	Pass	MHSP	Pass	

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

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

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

**Pits:**  NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: NO Pit ID: Lat: 39.833660 Long: -103.181720

**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: 100'X100'

Corrective Action: Install 2' freeboard marker. Date: 04/18/2014

Pit Type: Skimming/Settling Lined: NO Pit ID: Lat: 39.833860 Long: -103.181760

**Lining:**

Liner Type: Liner Condition:

Comment:

**Fencing:**

Fencing Type: Fencing Condition:

Comment:

**Netting:**

Netting Type: Mesh Netting Condition: Good

Comment:

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

Pit (S/U/V): **Unsatisfactory** Comment:

Corrective Action: Remove and remediate free oil on skim pit. On Ritchie's Remediation Plan schedule for skim pit closure. Date: 07/31/2014

Permit:	Facility ID	Permit Num	Expiration Date
	259020	882420	
	259020	882420	

**COGCC Comments**

Comment	User	Date
July 2014 remediation work scheduled for skim pit.	ShermaSe	03/20/2014

**Attached Documents**

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

Document Num	Description	URL
673701756	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302820">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302820</a>
673701757	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302821">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302821</a>
673701758	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302822">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302822</a>
673701759	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302823">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302823</a>
673701760	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302824">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302824</a>

673701762	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302825">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302825</a>
673701763	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302826">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302826</a>
673701764	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302827">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302827</a>
673701765	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302828">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302828</a>
673701766	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302829">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302829</a>
673701767	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302830">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302830</a>
673701768	Ritchie Herzberg P1 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302831">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3302831</a>