

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:
06/19/2014

Document Number:
673704280

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>235366</u>	<u>317057</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>74770</u>
Name of Operator:	<u>RITCHIE EXPLORATION INC</u>
Address:	<u>P O BOX 783188</u>
City:	<u>WICHITA</u> State: <u>KS</u> Zip: <u>67278-</u>

- 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
Niernberger, John	(316) 691-9500	jniernberger@ritchie-exp.com	
Housey, Melissa		melissa.housey@state.co.us	COGCC OGLA
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	
Nicholson, Dave	(303) 601-2023	dknicholson@q.com	

Compliance Summary:

QtrQtr:	<u>NESW</u>	Sec:	<u>20</u>	Twp:	<u>3S</u>	Range:	<u>52W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/03/2014	673701165	PR	PR	ACTION REQUIRED			No
12/04/2007	200123206	PR	PR	SATISFACTOR Y			No
08/10/2004	200058487	PR	PR	SATISFACTOR Y		Pass	No
04/13/2004	200052890	ES	PR	ACTION REQUIRED		Fail	No
09/22/2003	200044211	PR	PR	ACTION REQUIRED		Fail	Yes
01/25/2001	882487	ES	PR	SATISFACTOR Y		Pass	No
01/08/2001	882453	ES	PR	ACTION REQUIRED		Fail	No
09/08/1999	873077	CO	PR			Pass	No
08/05/1999	500158988	CO	PR			Fail	Yes
10/15/1998	500158987	ES	PR			Pass	No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
235366	WELL	PR	04/24/2003	OW	121-07586	ANDERSON 1	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

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	ACTION REQUIRED	FWKO not labeled (see attached photo).	Install sign to comply with rule 210.	07/28/2014
WELLHEAD	SATISFACTORY	Sign installed per 2/3/2014 inspection.		

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	Remove or remediate stained soil at wellhead. Fix stuffing box leak (see attached photo).	07/04/2014

Multiple Spills and Releases?

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	1	400 BBLS	STEEL AST	

S/A/V: _____ Comment: new gravel on N berm

Corrective Action: _____ Corrective Date: _____

Paint

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

Berms

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

Corrective Action Maintain tank . Corrective Date 07/21/2014

Comment badger hole in N berm (see attached photo)

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 235366

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/A/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: 235366 Type: WELL API Number: 121-07586 Status: PR Insp. Status: PR

Producing Well

Comment: Apr 2014 last reported oil production data.

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:
 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? Pass Subsidence over on drill pit? Pass
 Cuttings management: _____
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In
 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 In

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003 f. Weeds Noxious weeds? I

Comment: grass mowed

Overall Interim Reclamation In Process

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		Culverts	Fail			

S/A/V: ACTION REQUIRED Corrective Date: 07/21/2014

Comment: Culvert still out on access road per 2/3/2014 inspection and culvert in ground is clogged and damaged (see attached photos). Rill forming on SW cor of tank berm.

CA: Install BMPs to prevent stee degradation and potential spill release. Maintain culvert.

Pits: NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: Pit ID: Lat: 39.776900 Long: -103.322991

Lining:

Liner Type: Liner Condition:

Comment:

Fencing:

Fencing Type: Fencing Condition:

Comment:

Netting:

Netting Type: Netting Condition:

Comment:

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

Pit (S/A/V): Comment:

Corrective Action: Date:

Pit Type: Skimming/Settling Lined: NO Pit ID: Lat: Long:

Lining:

Liner Type: Liner Condition:

Comment:

Fencing:

Fencing Type: Fencing Condition:

Comment:

Netting:

Netting Type: Mesh Netting Condition: Gaps

Comment: Mesh loose on SW cor and gap under pipe (see attached photo).

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

Pit (S/A/V): ACTION Comment: Oil on skim pit (see attached photo).

Corrective Action: Remove oil from skim pit. Date: 06/23/2014

COGCC Comments

Comment	User	Date
Discharge permit expires 8/31/2014. Submit Form 4 to COGCC OGLA to update equipment inventory. Corrective actions from 2/3/2014 inspection were completed.	ShermaSe	06/19/2014

Attached Documents

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

Document Num	Description	URL
673704296	Ritchie Anderson 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369034
673704297	Ritchie Anderson 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369035
673704298	Ritchie Anderson 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369036
673704299	Ritchie Anderson 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369037
673704300	Ritchie Anderson 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369038
673704302	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369039
673704303	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369040
673704304	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369041
673704305	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369042

Inspector Name: Sherman, Susan

673704306	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369043
673704307	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369044
673704308	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369045
673704309	Ritchie Anderson 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369046
673704310	Ritchie Anderson 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3369047