

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



DE	ET	OE	ES
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Inspection Date:

08/20/2014

Document Number:

673705682

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>236500</u>	<u>317118</u>	<u>Sherman, Susan</u>	<input type="checkbox"/> 2A Doc Num: _____

**Operator Information:**

OGCC Operator Number: 74770 Name of Operator: RITCHIE EXPLORATION INC

Address: P O BOX 783188

City: WICHITA State: KS Zip: 67278-

**Contact Information:**

Contact Name	Phone	Email	Comment
Nicholson, Dave	(303) 601-2023	dknicholson@q.com	
Niernberger, John	(316) 691-9500	jniernberger@ritchie-exp.com	
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	

**Compliance Summary:**

QtrQtr: <u>SWNW</u>	Sec: <u>1</u>	Twp: <u>3S</u>	Range: <u>54W</u>				
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/25/2008	200127580	PR	PR	S			N
10/31/2007	200121555	PR	PR	U			Y
05/28/2003	200039696	PR	PR	S		P	N
03/05/1998	500159422	PR	PR			F	Y
12/08/1995	500159421	PR	PR			P	
09/26/1995	500159420	PR	PR			F	Y

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
107615	PIT	CL	06/04/2013		-	WRIGHT 1	<input type="checkbox"/>
107616	PIT	AC	09/23/1999		-	WRIGHT "P"	<input type="checkbox"/>
236500	WELL	PR	11/26/1996	OW	121-08990	WRIGHT 1	<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/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	No well ID sign. See Rules 210.b.1&2). Not required if well is near battery sign.		
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			
CONTAINERS	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

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

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

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

**Good Housekeeping:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WEEDS		See attached photo. Per pumper, weeds will be mowed when the rain stops and/or September 2014.		

**Spills:**

Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	Remove or remediate historic stained soil at wellhead (see attached photo).	08/29/2014

☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
PUMP JACK	Satisfactory	steel pipe		
TANK BATTERY	Satisfactory	barbed wire on field side		
WELLHEAD	Satisfactory	pig panels		

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ancillary equipment	5	Satisfactory	2 REA poles, cathodic protection, chemical container, propane tank		
Bird Protectors	1	Satisfactory	VHT		
Prime Mover	1	Satisfactory	electric		
Veritcal Heater Treater	1	Satisfactory	Berms-39.8223, -103.38593. Shed.		
Deadman # & Marked	4	Satisfactory			
Pump Jack	1	Satisfactory			

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<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	1	200 BBLS	BV FIBERGLASS	39.822110,-103.385830	
S/U/V:	Satisfactory		Comment: 55 gal drum stack on N tank.		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition					
Other (Content) _____					
Other (Capacity) 210 bbls _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate	
Corrective Action		Maintain berms.			Corrective Date 10/03/2014
Comment		See attached photo.			
<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2	500 BBLS	STEEL AST	39.822560,-103.385920	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition					
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<b>Venting:</b>					
Yes/No		Comment			
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 236500

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

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

Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****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: 236500 Type: WELL API Number: 121-08990 Status: PR Insp. Status: PR

**Producing Well**

Comment: June 2014 last reported 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: openrange/hay

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? Pass 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? \_\_\_\_\_ 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? InProduction areas have been stabilized? Pass Segregated soils have been replaced? Pass**RESTORATION AND REVEGETATION**CroplandTop soil replaced Pass Recontoured In Perennial forage re-established InNon-Cropland

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

1003 f. Weeds Noxious weeds? IComment: berm to the east still intact

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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

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					
Compaction	Pass	Compaction	Pass	MHSP	Pass	

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

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

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

**Pits:**

Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.821090 Long: -103.385930

**Lining:**

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

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

**Fencing:**

Fencing Type: Livestock Fencing Condition: Adequate

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

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

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

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Satisfactory Comment: S, ~200'X30'. Two pit permits for this location: 107615 and 107616.

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

**Pits:**

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Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: 39.821980 Long: -103.385920

**Lining:**

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

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

**Fencing:**

Fencing Type: Livestock Fencing Condition: Adequate

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

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

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

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Satisfactory Comment: N, ~60'x30'. Two pit permits for this location: 107615 and 107616.

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

**Attached Documents**

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

Document Num	Description	URL
673705732	Ritchie Wright 1 wellhead	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417020">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417020</a>
673705733	Ritchie Wright 1 wellhead fence	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417021">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417021</a>
673705734	Ritchie Wright 1 well IR	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417022">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417022</a>
673705735	Ritchie Wright 1 well equipment	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417023">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417023</a>
673705736	Ritchie Wright 1 Bat sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417024">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417024</a>
673705737	Ritchie Wright 1 well REA poles	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417025">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417025</a>
673705738	Ritchie Wright 1 Bat tanks/labeled	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417026">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417026</a>
673705739	Ritchie Wright 1 Bat tank berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417027">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417027</a>
673705740	Ritchie Wright 1 Bat propane labeled	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417028">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417028</a>
673705741	Ritchie Wright 1 Bat treater labeled	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417029">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417029</a>
673705742	Ritchie Wright 1 Bat treater painted	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417030">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417030</a>
673705743	Ritchie Wright 1 Bat treater berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417031">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417031</a>
673705744	Ritchie Wright 1 Bat PW pit N	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417032">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417032</a>
673705745	Ritchie Wright 1 Bat skim tank labeled	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417033">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417033</a>
673705746	Ritchie Wright 1 Bat skim tank berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417034">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417034</a>
673705747	Ritchie Wright 1 Bat PW pit weeds	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417035">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417035</a>
673705748	Ritchie Wright 1 Bat pit S	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417036">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3417036</a>