

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:

03/21/2014

Document Number:

673701811

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	209732	322210	Sherman, Susan	<input type="checkbox"/> 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
Housey, Melissa		melissa.housey@state.co.us	
Nicholson, Dave	(303) 601-2023	dknicholson@q.com	
Nierenberger, John	(316) 691-9500	jnierenberger@ritchie-exp.com	
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	

**Compliance Summary:**

QtrQtr:	<u>NESW</u>	Sec:	<u>36</u>	Twp:	<u>8S</u>	Range:	<u>59W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
07/01/2013	668200510	PR	PR	Satisfactory	P		No
05/30/2012	664000614	PR	PR	Satisfactory			No
11/29/2011	664000169	PR	PR	Violation	P		Yes
08/05/2011	200317223	PR	PR	Unsatisfactory			Yes
08/13/2008	200200336	PR	PR	Satisfactory			No
05/20/2008	200198924	PR	PR	Satisfactory			No
12/03/2007	200122910	PR	PR	Unsatisfactory			Yes
06/26/2007	200116277	PR	SI	Unsatisfactory			Yes
06/22/2007	200114578	ES	PR	Unsatisfactory		Fail	Yes
06/27/2006	200096113	PR	PR	Unsatisfactory		Fail	No
07/25/2001	1065396	PR	PR	Satisfactory		Pass	No
12/11/1996	500141668	PR	PR			Fail	Yes
06/27/1996	500141667						
06/04/1996	500141666	PR	SI			Fail	Yes
05/16/1996	500141665	PR	PR			Fail	Yes
05/06/1996	500141664						
05/03/1996	500141663						
03/19/1996	500141662	CC	DG			Pass	No

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

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
209732	WELL	PR	03/25/2010	OW	039-06637	CANYON ENERGY STATE ALBERTA 36-23	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 Motors: _____	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
CONTAINERS	Unsatisfactory	No labels (see attached photo).	Install sign to comply with rule 210.	04/21/2014
WELLHEAD	Unsatisfactory	No answer on emergency number (see attached photo).	Install sign to comply with rule 210.	04/21/2014

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

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

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

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	Remove and remediate stained soil and remove 5 gal pail of oil.	03/24/2014

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

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
PUMP JACK	Satisfactory	Steel pipe.		
WELLHEAD	Satisfactory	Barbed wire.		

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ancillary equipment	1	Unsatisfactory	Tank not labeled.	Label tank.	04/21/2014
Deadman # & Marked	4	Satisfactory			
Prime Mover	1	Satisfactory			
Pump Jack	1	Satisfactory			

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

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED BATTERY	39.306100,-103.952600

S/U/V:		Comment:	
Corrective Action:		Corrective Date:	

**Paint**

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

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

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

**Venting:**

Yes/No	Comment

**Flaring:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 209732

**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: 209732 Type: WELL API Number: 039-06637 Status: PR Insp. Status: PR

**Producing Well**Comment: PR  
Jan 2014 last reported. Submit production data to COGCC.**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:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**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: **Rangeland.**

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? \_\_\_\_\_ 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? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

**Cropland**

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

**Non-Cropland**

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

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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
Compaction	Fail	Compaction	Pass	MHSP	Fail	
Gravel	Pass	Gravel	Pass			

S/U/V: **Unsatisfactory**

Corrective Date: **05/01/2014**

Comment: **Drainage down gradient of location (see attached photo).  
Erosion rill leaving location (see attached photo).  
Five gallon pail of oil requires stormwater BMP (see attached photo).**

CA: **Install stormwater BMPs to present location degradation and offside sediment migration.**

Pits: ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<b>Submit Form 4 for COGCC OGLA to designate battery to either 039-06641 or 039-06637 well.</b>	ShermaSe	03/22/2014

**Attached Documents**

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

Document Num	Description	URL
673701812	Ritchie State Alberta 36-23 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305276">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305276</a>
673701813	Ritchie State Alberta 36-23 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305277">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305277</a>

673701814	Ritchie State Alberta 36-23 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305278">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305278</a>
673701815	Ritchie State Alberta 36-23 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305279">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305279</a>
673701816	Ritchie State Alberta 36-23 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305280">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305280</a>
673701817	Ritchie State Alberta 36-23 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305281">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3305281</a>