

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:

01/30/2014

Document Number:

673701082

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>237719</u>	<u>317282</u>	<u>Sherman, Susan</u>	<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
Rowe, Gary	(620) 872-0330	rowe_gary@sbglobal.net	
NOTO, JOHN		noto.john@state.co.us	
Nierenberger, John	(316) 691-9500	jnierenberger@ritchie-exp.com	

Compliance Summary:

QtrQtr:	<u>NWNE</u>	Sec:	<u>25</u>	Twp:	<u>1N</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)
01/09/2008	200124939	PR	PR	Satisfactory			No
07/10/2007	200115839	PR	PR	Satisfactory		Pass	No
05/21/2003	200039667	PR	PR	Satisfactory		Pass	No
05/26/1999	500159885	ES	PR			Fail	Yes
12/23/1996	500159884	PR	PR			Fail	Yes
11/07/1995	500159883	PR	PR			Pass	Yes
10/12/1995	500159882	PR	PR			Fail	Yes

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
101077	PIT		09/23/1999		-	CHALLIS FARMS 1	<input checked="" type="checkbox"/>
237719	WELL	PR	09/29/1985	OW	121-10222	CHALLIS FARMS 1	PR <input checked="" type="checkbox"/>

Equipment:**Location Inventory**

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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		no sign		
CONTAINERS	Satisfactory			
BATTERY	Satisfactory	Sign says Challis Farms P.		
TANK LABELS/PLACARDS	Unsatisfactory	Need contents, quantity and NFPA labels.	Install sign to comply with rule 210.	02/28/2014

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

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 5 bbls	Remove and remediati stained soil.	02/01/2014
Crude Oil	WELLHEAD	<= 5 bbls	Remove and remediate stained soil.	02/01/2014

☐ Multiple Spills and Releases?

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ancillary equipment	1	Satisfactory	transformer		
Deadman # & Marked	4	Satisfactory			
Veritcal Heater Treater	1	Satisfactory	berms40.03062-103.36656		
Prime Mover	1	Satisfactory	electric		
Pump Jack	1	Satisfactory			

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Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2		STEEL AST	40.030610,-103.366230	
S/U/V:	Satisfactory		Comment:		
Corrective Action:					Corrective Date:
Paint					
Condition					
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Inadequate	Walls Insufficient	Base Sufficient	Inadequate	
Corrective Action	Maintain berms walls to regain capacity.				Corrective Date 02/28/2014
Comment					
Venting:					
Yes/No	Comment				
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

Predrill

Location ID: 237719

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: 101077 Type: PIT API Number: - Status: _____ Insp. Status: _____

Facility ID: 237719 Type: WELL API Number: 121-10222 Status: PR Insp. Status: PR

Producing WellComment: PR
Nov 2013 last reported**Environmental****Spills/Releases:**

Type of Spill: WATER Description: Skimmer pit overtopped Estimated Spill Volume: 1

Comment: _____

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Contacted John Nierenberger with Ritchie Exploration about the spill. He called the pumper to shut off the well. Chemical man arrived at well and said that he would call the pumper also. Submit Form 19.

Corrective Action: Shut off well. Remove and remediate affected soils.

Date: 01/31/2014

Reportable: YES

GPS: Lat 40.028996

Long -103.365764

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: winter wheat field

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

Production areas have been stabilized? Segregated soils have been replaced?

RESTORATION AND REVEGETATION

Cropland

Top soil replaced Recontoured Perennial forage re-established

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Non-Cropland

Top soil replaced _____

Recontoured _____

80% Revegetation _____

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

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Pit Type: Skimming/Settling Lined: _____ Pit ID: _____ Lat: _____ Long: _____

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: Metal Grid Netting Condition: Good

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/U/V): Unsatisfactory Comment: skim pit overtopping, ran down north side of location

Corrective Action: 24 hours to shut off well and clean up spill. Lower water level in pit. Date: 01/31/2014

Pit Type: Evaporation Lined: NO Pit ID: 101077 Lat: 40.028995 Long: -103.365764

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): Satisfactory Comment: berms need to be maintained, eroding into winter wheat field

Corrective Action: Install stormwater BMPs to prevent sediment from leaving the location. Date: 02/28/2014

Attached Documents

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

Document Num	Description	URL
673701110	Ritchie Challis Farms 1 skim pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270703
673701111	Ritchie Challis Farms 1 Pit berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270704
673701112	Ritchie Challis Farms 1 Pit freeboard	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270705
673701113	Ritchie Challis Farms 1 skim pit overtopped	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270706
673701114	Ritchie Challis Farms 1 skim pit full	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270707
673701115	Ritchie Challis Farms 1 Stained soil at crude oil tank	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270708
673701116	Ritchie Challis Farms 1 Stained soil at well head	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270709
673701117	Ritchie Challis Farms 1 Battery sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3270710