

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



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Inspection Date:
10/11/2013

Document Number:
664001348

Overall Inspection:
Violation

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>226468</u>	<u>313860</u>	<u>SCHURE, KYM</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
Niernberger, J.		jniernberger@ritchie-exp.com	
AXELSON, JOHN		john.axelson@state.co.us	
Rowe, G.		rowe_gary@sbcglobal.net	
LEONARD, MIKE		mike.leonard@state.co.us	

Compliance Summary:

QtrQtr: S2SE Sec: 36 Twp: 6N Range: 55W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/25/2010	200233114	PR	PR	U			Y
04/01/2003	200037297	PR	PR	U		F	Y
03/17/1998	500155641	PR	PR			F	Y

Inspector Comment:

Unlined Skim Pit (accumulated oil on surface requires vacuum)- Remove/remediate/replace w/tank or reconstruct (line) skim pit- Oil residue on surface and ring on inside of (2) P/W berms. No valid sign at wellhead- No valid sign at battery- No emergency contact no. information - No placarding on tanks Previous inspections: Doc.# 200233114 (2010), Doc.#200037297 (2003), Doc.#500155641 (1998) cited violations. Non-compliance citations from previous inspections have not been corrected. Inspector Schure spoke to John Niernberger on 10/22/2013 regarding non-compliance citations, Mr. Niernberger stated that Ritchie Exploration Inc. is in the process of addressing the compliance issues at this well and all Ritchie wells in Colorado. Mr. Niernberger sent (via e-mail) the correspondence between Ritchie and a third party environmental consultant including pictures of the site, which verifies the Operator is in the process of assessing/performing corrective actions.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
226468	WELL	PR	12/11/2012	OW	087-07205	MERINO STATE 3	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

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Unsatisfactory		Maintain lease road	12/31/2013

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Violation	No placarding on tanks	Install placarding on all tanks, vessels and containers with contents, quantities and fire code	12/31/2013
BATTERY	Violation	No sign	Install valid signage	12/31/2013
WELLHEAD	Violation	No sign	Install valid signage	12/31/2013

Emergency Contact Number: (S/U/V) _____ Violation _____ Corrective Date: 12/31/2013

Comment: No valid emergency contact no.

Corrective Action: Install valid emergency contact no. Emergency contact no. must be received by live attendant 24-7-365. 911 is not a valid emergency contact no.

Spills:

Type	Area	Volume	Corrective action	CA Date
Crude Oil		<= 5 bbls	Vacuum accumulated oil from existing skim pit. Remove/mediate/replace unlined skim pit with tank or remove/mediate/reconstuct (line) existing skim pit.	12/31/2013
Crude Oil	WELLHEAD	<= 5 bbls	Remove/mediate stained-saturated soils at wellhead	12/31/2013
Lube Oil	Pump Jack	<= 5 bbls	Repair leak at pump-jack	12/31/2013
Crude Oil		<= 5 bbls	Remove oil residue on surface of second P/W pit. Remove/mediate stained-saturated soils on P/W pit berm.	12/31/2013
Crude Oil		<= 5 bbls	Remove oil residue on surface of P/W pit. Remove/mediate stained-saturated soils on P/W pit berm.	12/31/2013

Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
PIT	Satisfactory	Maintain fences at pits.		

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Pump Jack	1	Unsatisfactory		Repair leak at gear box	12/31/2013

Inspector Name: SCHURE, KYM

Vertical Heated Separator	1	Satisfactory		
Horizontal Separator	1	Satisfactory		
Ancillary equipment		Satisfactory	Propane tank	
Bird Protectors	1	Satisfactory		

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 226468

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: 226468 Type: WELL API Number: 087-07205 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well.

Environmental

Spills/Releases:

Type of Spill: OIL Description: _____ Estimated Spill Volume: _____

Comment: Hydro-carbon contact with soils constitutes a spill. Existing skim pit has overflowed onto surrounding berm and entered the first (2) of (4) P/W pits. Oil residue on surface of P/W pits and inside edge of (2) P/W pits. Oily waste piled/spred on earthen berms of P/W pits. Forwarding inspection to COGCC Environmental for assessment/instruction.

Corrective Action: Remove/Remediate spills at existing skim pit, wellhead and P/W pits. Date: 11/30/2013

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: _____

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 _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

Overall Interim Reclamation _____

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

S/U/V: Unsatisfactory Corrective Date: 12/31/2013

Comment: _____

CA: Implement BMP's and maintain for stormwater control and management.

Pits: NO SURFACE INDICATION OF PIT

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

Lining:

Liner Type: _____ Liner Condition: _____

Comment: Unlined skim pit

Fencing:

Fencing Type: Livestock Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: Mesh Netting Condition: Good

Comment: _____

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

Pit (S/U/V): **Violation** Comment: **Unlined skim pit w/accumulated oil, oil residue on (2) of (4) P/W pits, oil residue on P/W pit berm.**

Corrective Action: **Remove/remediate/ replace with skim tank or remove/remediate/reconstruct (line) skim pit. Remove/remediate all oil residue/stained/saturated oil on P/W pit berms and berm at skim pit. Provide COGCC Environmental with Form 27.** Date: **11/30/2013**

Pit Type: Produced Water Lined: _____ Pit ID: _____ Lat: _____ Long: _____

Lining:

Liner Type: _____ Liner Condition: Inadequate

Comment: Unlined skim pit, (4) P/W pits, (2) P/W pits have oil residue on surface and berms, oily waste material deposited on

Fencing:

Fencing Type: Livestock Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: Mesh Netting Condition: Good

Comment: _____

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

Pit (S/U/V): **Violation** Comment: **Pit configuration: (1) Unlined skim pit (4) P/W pits**

Corrective Action: **Remove/remediate accumulated oil on existing skim pit. Remove/remediate/replace existing skim pit with skim vessel or remove/remediate/reconstruct (line) skim pit. Remove/remediate stained-saturated soils & waste from berms at existing skim pit and P/W pits.** Date: **12/31/2013**