

**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:  
12/31/2013

Document Number:  
670600156

Overall Inspection:

**Violation**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>218713</u>	<u>312138</u>	<u>NOTO, JOHN</u>	2A Doc Num:	

**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
AXELSON, JOHN		john.axelson@state.co.us	
John Frasco		johnbobfrasco@gmail.com	
David Nicholson		dknicholson@q.com	
Niernberger, John	316-691-9500 off/95520	jniernberger@ritchie-exp.com	

**Compliance Summary:**

QtrQtr: NENE Sec: 9 Twp: 7N Range: 55W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/19/2012	663300898	PR	PR	Unsatisfactory	F		No
03/10/2003	200035953	PR	PR	Satisfactory		Pass	No
06/19/2002	200027674	PR	PR	Satisfactory		Pass	No
09/09/1999	873134	PR	PR	Satisfactory		Pass	No
12/01/1997	500152678	CA	PA		F	Fail	No
01/11/1996	500152677	PR	PR			Fail	Yes
12/15/1994	500152676	PR	PR			Fail	
04/20/1994	500152675		PR				Yes

**Inspector Comment:**

Inspection conducted on 12/31/13 after landowner complaint #200393303. The landowner was present during the COGCC inspection. COGC observed that freshly excavated soil had been placed on the produced water pit berm. Some of the excavated soil had a petroleum stain and odor. Stained soil was observed at the pit water line. A contractor for the operator collected samples of the excavated soil on 12/30/13 with the landowner present. COGCC requires cleanup of all oily waste in accordance with Rule 907.e. Form 27 workplan must be submitted by 1/24/14.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
111616	PIT		09/23/1999		-	FRASCO 1-B	
218713	WELL	PR	04/26/2007	OW	075-05445	FRASCO 1-B	PR

**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**

<b>Lease Road:</b>				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	no label or markings on treater. propane tank at treater not labeled or marked	Install sign to comply with rule 210.	01/17/2014
BATTERY	Unsatisfactory	NFPA labels on tanks and sign at battery, no labels with tank capacities and contents.	Install sign to comply with rule 210.	01/17/2014
WELLHEAD	Unsatisfactory	well sign on ground	Install sign to comply with rule 210.	01/17/2014

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

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

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

<b>Good Housekeeping:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WEEDS	Satisfactory	weeds cut/controlled,		

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	WELLHEAD	<= 5 bbls	cleanup oily soil in accordance with Rule 907.e	01/17/2014

Multiple Spills and Releases?

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

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

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	400 BBLS	STEEL AST	,

S/U/V: \_\_\_\_\_ Comment: **tank capacities estimated, tanks not labeled**

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

**Paint**

Condition

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

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

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

**Berms**

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

Corrective Action **repair battery berm and intall stairs of other method of protecting berm from wear. build up treater berm to provide adequate capacity.** Corrective Date **01/17/2014**

Comment **notch in battery berm from foot traffic into battery area, worn berm around treater**

**Venting:**

Yes/No	Comment

**Flaring:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 218713

**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:

**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:**

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

**Field Parameters:**

Sample Location: \_\_\_\_\_

**Waste Management:**

Type	Management	Condition	Comment	GPS (Lat)	(Long)
Oily Soil	Pits	Inadequate	some of the soil excavated from the pit and piled on berms was petroleum contaminated.		

**Complaint:**

Tracking Num	Category	Assigned To	Description	Incident Date
200393303	PITS	NOTO, JOHN	Land owner Mr. John Frasco observed contractor cleaning out the produced water pit with an excavator. Described material as oily sludge being placed on the water pit berms and running off onto his property. He is concerned about contamination to his property and appropriate management of the waste.	12/30/2013

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

Comment: no erosion/runoff channels observed from produced water pit into surrounding field.

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

**Pits:**  NO SURFACE INDICATION OF PIT

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

**Lining:**  
 Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_  
 Comment: \_\_\_\_\_

**Fencing:**  
 Fencing Type: None Fencing Condition: \_\_\_\_\_  
 Comment: \_\_\_\_\_

**Netting:**  
 Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_  
 Comment: \_\_\_\_\_

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

Pit (S/U/V): **Violation** Comment: **petroleum stained soil in pit at waterline, petroleum contaminated soil on pit berm**

Corrective Action: **Cleanup all oily waster in accordance with Rule 907.e. Submit Form 27, Site Investigation and Remediation Workplan for assesment, sampling, analysis, cleanup, and reclamation of petroleum contaminated soil by the corrective action date.** Date: **01/24/2014**

**Attached Documents**

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

Document Num	Description	URL
670600157	skim tank and produced water pit berm	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256913">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256913</a>
670600158	produced water pit berm south wall	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256914">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256914</a>
670600159	produced water pit berm south wall	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256915">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256915</a>
670600160	southeast corner of produced water pit berm facing west	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256916">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256916</a>
670600161	southeast corner of produced water pit berm facing nort	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256917">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256917</a>
670600162	south part of pit facing west	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256918">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256918</a>
670600163	northeast corner of pit facing north	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256919">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256919</a>
670600164	treater	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256920">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256920</a>
670600165	tank battery	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256921">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256921</a>
670600166	tanks battery berm with notch	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256922">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256922</a>
670600167	pump jack with sign on ground and oil stains	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256923">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3256923</a>