

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:
12/19/2012

Document Number:
663300898

Overall Inspection:
Unsatisfactory

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>SCHURE, KYM</u>
	<u>218713</u>	<u>312138</u>		

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
ASH, MARGARET		margaret.ash@state.co.us	
Nierenberger, John	(316) 691-9500	john@ritchie-exp.com	Production Manager
AXELSON, JOHN		john.axelson@state.co.us	

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)
03/10/2003	200035953	PR	PR	S		P	N
06/19/2002	200027674	PR	PR	S		P	N
09/09/1999	873134	PR	PR	S		P	N
12/01/1997	500152678	CA	PA		F	F	N
01/11/1996	500152677	PR	PR			F	Y
12/15/1994	500152676	PR	PR			F	
04/20/1994	500152675		PR				Y

Inspector Comment:

Inspection responding to Surface/Mineral Owner complaint to COGCC. The Surface Owner (John Frasco) stated that he had contacted the Operator about the general condition of the operation and produced water spills. The surface owner stated that ground/surface seepage from the P/W pit onto/into adjacent grassland has created a kill of vegetation. The Surface Owner stated that the tanks at the battery were in disrepair and leaking. The Surface Owner stated that he had contacted the U.S. E.P.A., CDPHE and other governmental agencies with his concerns.P/W spill contained within the berm resulting from tank/valve failure observed/cited. Unlined skim pit cited. COGCC Environmental follow up.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
218713	WELL	PR	04/26/2007	OW	075-05445	FRASCO 1-B	<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

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Unsatisfactory	Grade or fill ruts.	Grade or fill ruts in lease road.	03/01/2013

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	Contents/Quantities/Fire Code placarded on all tanks, vessels and containers.	Install sign to comply with rule 210.b.	02/28/2013

Emergency Contact Number: (S/U/V) Unsatisfactory Corrective Date: 02/28/2013

Comment: Called the number on the sign at wellhead, received answering machine message. Emergency response number is required to be received by live attendant 24-7-365.

Corrective Action: Provide valid emergency response number on signage.

Spills:

Type	Area	Volume	Corrective action	CA Date
Produced Water	Tank	<= 5 bbls	Contain leak, repair/replace tank, remove/remediate any spill within the berm.	12/20/2012

Multiple Spills and Releases?

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Pump Jack	1	Satisfactory			
Ancillary equipment	1	Unsatisfactory	No containment under chemical additive container at pump jack.	Install containment under all tanks, vessels and containers on location.	02/28/2013

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	200 BBLS	STEEL AST	,
S/U/V:	Violation		Comment: The tanks in the battery are bolted seam construction. One tank has failed, other tanks are in need of maintenance.	
Corrective Action:	Repair/Replace leaking tank/valve on P/W tank north end of battery.			Corrective Date: 12/20/2012

Paint

Condition: _____

Other (Content) Tanks in battery are bolted seam construction _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth				Inadequate
Corrective Action	Fill and grade surface around tanks. Remove broken steel retaining rings (debris) and fill/grade around and under tanks.			Corrective Date 02/01/2013
Comment	Surface inside berm at battery requires fill in low spots around tanks.			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	200 BBLS	STEEL AST	,
S/U/V:	Comment: _____			
Corrective Action:				Corrective Date:

Paint

Condition: _____

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: 312138

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:

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: _____
 Other BMPs: _____

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: 218713 Type: WELL API Number: 075-05445 Status: PR Insp. Status: PR

Complaint

Comment: Surface/Mineral Owner filed a complaint to COGCC for alleged P/W spills on location and adjacent property. Inspector spoke to Landowner and physically inspected the above ground concerns. COGCC Environmental following up inspection.

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: _____

Complaint:

Tracking Num	Category	Assigned To	Description	Incident Date
200372172	SPILLS	AXELSON, JOHN	Tanks at battery are undermined and leaking, resulting in accumulation of liquids inside the berms. Water pit is also leaking resulting in release to adjacent field. Mr. Frasco provided photographs date stamped 12/10/12 that show leaking tanks and fluids at the battery. He previously contacted Ritchie and notified them of issues. Ritchie has not corrected problems to date.	12/19/2012

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: Surface owner filed complaint with COGCC regarding alleged vegetation kill from P/W tank. Interim reclamation failed due to enlargement of disturbed area.

Overall Interim Reclamation Fail

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		Gravel	Fail			

S/U/V: Satisfactory _____ Corrective Date: _____

Comment:

CA:

Pits:

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: _____ Long: _____

Lining:
Liner Type: _____ Liner Condition: _____
Comment: _____

Fencing:
Fencing Type: _____ Fencing Condition: _____
Comment: _____

Netting:
Netting Type: _____ Netting Condition: _____
Comment: _____

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____
Pit (S/U/V): _____ Comment: _____
Corrective Action: _____ Date: _____

Pits:

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

Lining:
Liner Type: _____ Liner Condition: _____
Comment: Unlined skim pit violation. Remove/remediate/line or Remove/remediate/replace with tank.

Fencing:
Fencing Type: _____ Fencing Condition: _____
Comment: _____

Netting:
Netting Type: _____ Netting Condition: _____
Comment: _____

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____
Pit (S/U/V): **Violation** Comment: Unlined skim pit.
Corrective Action: Remove/remediate/line or Remove/remediate/replace with tank. Date: **02/28/2013**