

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:
09/12/2014

Document Number:
673706248

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>238106</u>	<u>317332</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>81490</u>
Name of Operator:	<u>ST CROIX OPERATING INC</u>
Address:	<u>P O BOX 13799</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80201</u>

- 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
Crumley, Tim	(970) 768-5659	tcrumley@comcast.net	
Savio, N Renee	(303) 216-2878	nrsavio@aol.com	
Llewellyn, Jeff	(303) 595-4597	ichorex@aol.com	
Axelson, John	(303) 894-2100	john.axelson@state.co.us	COGCC EPS

Compliance Summary:

QtrQtr: NWNW Sec: 18 Twp: 2S Range: 51W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/04/2007	200123201	PR	PR	SATISFACTORY			No
03/15/2007	200107911	PR	PR	SATISFACTORY		Pass	No
03/29/2004	200052295	PR	PR	SATISFACTORY		Pass	No
03/23/2004	200051833	PR	PR	ACTION REQUIRED		Fail	Yes
02/02/2000	200004212	PR	PR	SATISFACTORY		Pass	No
07/20/1999	500160168	PR	PR			Pass	No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
113026	PIT		09/23/1999		-	HEIMERMAN 18-2	<input type="checkbox"/>
238106	WELL	PR	09/30/1999	OW	121-10609	HEIMERMAN 18-2	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/Action Required	Comment	Corrective Action	CA Date
WELLHEAD		No sign.		
CONTAINERS	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
BATTERY	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	ACTION REQUIRED	See attached photo.	Control weeds.	10/03/2014

Spills:				
Type	Area	Volume	Corrective action	CA Date
Produced Water	Tank	> 5 bbls	See Environmental section.	09/19/2014
Crude Oil	Tank	> 5 bbls	See Environmental section.	09/19/2014

Multiple Spills and Releases?

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PUMP JACK	SATISFACTORY	hog panels		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Prime Mover	1	SATISFACTORY	electric		
Ancillary equipment	10	SATISFACTORY	concrete pad for pump jack, 2 REA poles at well, 1 REA pole with transformer at battery, gas scrubber, 2 chemical containers, 2 electric panels, propane tank @ treater		

Inspector Name: Sherman, Susan

Bird Protectors	4	SATISFACTORY	treater top and side, one on each tank smoke stack		
Deadman # & Marked	4	SATISFACTORY			
Pump Jack	1	SATISFACTORY			
Veritcal Heater Treater	1	SATISFACTORY	Berms 39.88686, - 103.14095		

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	400 BBLS	OTHER	,

S/A/V:	Comment: insulated tank-above ground, same berms as crude oil tank
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				

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	300 BBLS	FIBERGLASS AST	,

S/A/V:	Comment: same berms as crude oil tanks, full
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				

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	3	300 BBLS	STEEL AST	39.886810,-103.140950	
S/AV:	ACTION REQUIRED		Comment:		
Corrective Action:	Clean tanks from oil spill.			Corrective Date:	
Paint					
Condition					
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment	berms held spill				
Venting:					
Yes/No	Comment				
Flaring:					
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date	

Predrill

Location ID: 238106

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AV: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/AV: _____ **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: 238106 Type: WELL API Number: 121-10609 Status: PR Insp. Status: PR

Producing Well

Comment: Apr 2014 last reported production data.

309. COGCC Form 7. OPERATOR'S MONTHLY PRODUCTION REPORT
Each producer or operator of an oil or gas well shall file with the Commission, within forty-five (45) days after the month in which production occurs, a report on Operator's Monthly Production Report, Form 7, containing all information required by said form. In addition, all fluids produced during the initial testing and completion shall be reported on Operator's Monthly Production Report, Form 7 within forty-five (45) days after the month in which testing and completion occurs.

Environmental

Spills/Releases:

Type of Spill: OIL Description: _____ Estimated Spill Volume: 100

Comment: Spill found by pumper late 9/11/2014 and operator reported to Denver COGCC.9/12/2014. Crew from Wray cleaning tanks and Circle B Oil Field Services vacuum truck taking water/oil out of tank berms and putting into tanks at Volderding Farm lease (121-10618) across Cty Rd 22. Backhoe onsite to put stained soils on bermed plastic sheet per pumper. Wind blew some oil outside of berms (small amount) (see attached photo).

Corrective Action: Clean up free oil/produced water in berms immediately. Submit Form 19 and Form 27 to Date: 09/19/2014

Reportable: YES GPS: Lat _____ Long _____

Proximity to Surface Water: 7000 Depth to Ground Water: 212

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: crop

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? Pass 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? Pass Subsidence over on drill pit? In

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In

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

RESTORATION AND REVEGETATION

Inspector Name: Sherman, Susan

Cropland

Top soil replaced Pass Recontoured Pass Perennial forage re-established In

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003 f. Weeds Noxious weeds? _____ I _____

Comment: _____

Overall Interim Reclamation In Process

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/A/V: SATISFACTOR Corrective Date: _____
Y _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: NO Pit ID: Lat: 39.885330 Long: -103.140880

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/A/V): SATISFACTOR Comment: S pit ~250'x75'. Freeboard marker present. Ducks on pond.
 Corrective Action: Date:

Pit Type: Produced Water Lined: NO Pit ID: Lat: 39.886160 Long: -103.140910

Lining:
 Liner Type: Liner Condition:
 Comment:

Fencing:
 Fencing Type: Fencing Condition:
 Comment:

Netting:
 Netting Type: Netting Condition:
 Comment:

Anchor Trench Present: Oil Accumulation: YES 2+ feet Freeboard:
 Pit (S/A/V): ACTION Comment: N pit ~75'x55'. Freeboard marker present. Small amount of old oil on SE corner of pit (see attached photo). Smell from pit. Earthen berms sediments eroding into field on the N side of pit.
 Corrective Action: Remove oil from N pit edges. Date: 10/03/2014

Attached Documents

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

Document Num	Description	URL
673706249	St Croix Heimerman 18-2 Bat sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433060
673706250	St Croix Heimerman 18-2 wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433061
673706251	St Croix Heimerman 18-2 Bat S pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433062
673706252	St Croix Heimerman 18-2 Bat N pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433063
673706253	St Croix Heimerman 18-2 Bat N pit oil corner	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433064
673706254	St Croix Heimerman 18-2 Bat S pit freeboard marker	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433065
673706255	St Croix Heimerman 18-2 Bat N pit freeboard marker	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433066
673706256	St Croix Heimerman 18-2 Bat treater	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433067

673706257	St Croix Heimerman 18-2 Bat treater shed	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433068
673706258	St Croix Heimerman 18-2 Bat oil outside of berm from wind	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433069
673706259	St Croix Heimerman 18-2 Bat CO tank cleaned	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433070
673706260	St Croix Heimerman 18-2 Bat CO tank not cleaned (in process)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433071
673706261	St Croix Heimerman 18-2 Bat CO tank2 not cleaned (in process)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433072
673706262	St Croix Heimerman 18-2 Bat PW tank not cleaned (in process)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433073
673706263	St Croix Heimerman 18-2 Bat berm NW cor/spill W	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433074
673706264	St Croix Heimerman 18-2 Bat bern NW cor/spill E	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433075
673706265	St Croix Heimerman 18-2 Bat spill between tanks	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433076
673706266	St Croix Heimerman 18-2 Bat PW tank spill level	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433077
673706267	St Croix Heimerman 18-2 Bat berms/hose	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433078
673706268	St Croix Heimerman 18-2 Bat weeds	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433079
673706269	St Croix Heimerman 18-2 Bat spill level	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433080
673706270	St Croix Heimerman 18-2 Bat spill level	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433081
673706271	St Croix Heimerman 18-2 Bat spill level	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433082
673706272	St Croix Heimerman 18-2 Bat spill level	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3433083

ACTION REQUIRED

ANY ACTION REQUIRED items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)