

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:
11/13/2014

Document Number:
673707955

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>431474</u>	<u>431476</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10414</u>
Name of Operator:	<u>CASCADE PETROLEUM LLC</u>
Address:	<u>1331 17TH STREET #400</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</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
Ritchie, Todd	(303) 407-6500	tritchie@cascadepetroleum.com	
Bugg, Bryan	(303) 407-6500	bbugg@cascadepetroleum.com	
Sommer, Ashley	(303) 407-6500	asommer@cascadepetroleum.com	

Compliance Summary:

QtrQtr:	<u>SWSW</u>	Sec:	<u>16</u>	Twp:	<u>11S</u>	Range:	<u>55W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
03/07/2013	668600482	DG	DG	SATISFACTORY			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
431474	WELL	PR	04/22/2013	OW	073-06501	STATE 16-11S-55W-02	PR <input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</u>	Separators: <u>1</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: <u>1</u>	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>2</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

Location

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	ACTION REQUIRED	propane ok, chemical container not labeled (see attached photo)	Install sign to comply with rule 210.	12/04/2014
TANK LABELS/PLACARDS	SATISFACTORY			
BATTERY	SATISFACTORY			
WELLHEAD	SATISFACTORY			

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

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK BATTERY	SATISFACTORY	barbed wire		
LOCATION	SATISFACTORY	barbed wire around well location		
PUMP JACK	SATISFACTORY	steel mesh		
OTHER	SATISFACTORY	solar telemetry steel panels		
WELLHEAD	SATISFACTORY	steel panels		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Other	1	ACTION REQUIRED	Stuffing box leaking (see attached photo).	Fix leak.	11/21/2014
Horizontal Heated Separator	1	SATISFACTORY	in tank berms, no NFPA label (see attached photo).		
Pump Jack	1	SATISFACTORY	concrete pad		
Prime Mover	1	SATISFACTORY	propane		
Ancillary equipment	2	SATISFACTORY	gas scrubber , solar telemetry		

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	1	400 BBLS	STEEL AST	,	
S/A/V:	ACTION REQUIRED		Comment: same berms as produced water tanks		
Corrective Action:	Clean tank from leaking hatch (see attached photo).			Corrective Date:	12/04/2014

Paint _____

Inspector Name: Sherman, Susan

Condition	Adequate
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	2	400 BBLS	FIBERGLASS AST	39.083640,-103.571620
S/A/V:	Comment: _____			
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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				

Venting:	
Yes/No	Comment

Flaring:	
Type	Satisfactory/Action Required Comment Corrective Action CA Date

Predrill

Location ID: 431474

Site Preparation:

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

S/AV: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	notojohn	Operator will conduct initial baseline and follow-up groundwater testing in accordance with the provisions set forth by COGCC in Rule 609 as adopted. The referenced proposal can be found on the COGCC website: http://dnrdensterling/RR_HF2012/Groundwater/StaffRevisedProposedRule60912072012.pdf .	01/23/2013
OGLA	notojohn	Operator must implement site-specific BMPs in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures. The measures shall be sufficient to protect ephemeral streams near the oil and gas location from a release of drilling, completion, produced fluids, and chemical products.	01/23/2013

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: 431474 Type: WELL API Number: 073-06501 Status: PR Insp. Status: PR

Producing Well

Comment: Nov 2013 last reported production data.
309. COGCC Form 7. OPERATOR'S MONTHLY REPORT OF OPERATIONS
a. Operators shall report all existing oil and gas wells that are not plugged and abandoned on the Operator's Monthly Report of Operations, Form 7, within 45 days after the end of each month. A well must be reported every month from the month that it is spud until it has been reported for one month as abandoned. Each formation that is completed in a well shall be reported every month from the time that it is completed until it has been abandoned and reported for one month as abandoned. All information required by the form shall be reported, including all fluids produced during the initial testing and completion of the well.

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: _____

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: RANGELAND
Comment: _____
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? _____ CM _____ CA _____ CA Date _____

1003b. Area no longer in use? Fail 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? Fail
 Production areas have been stabilized? Pass Segregated soils have been replaced? Pass

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation Fail

1003 f. Weeds Noxious weeds? _____ I _____

Comment: _____

Overall Interim Reclamation Fail

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: RANGELAND

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			SR		
Compaction	Pass	Compaction	Pass	MHSP	Pass	

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

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
Update 2A equipment inventory by submitting at Form 4.	ShermaSe	11/13/2014

Attached Documents

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

Document Num	Description	URL
673707970	Cascade State 16 well sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483694
673707971	Cascade State 16 wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483695
673707972	Cascade State 16 well stuffing box	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483696
673707973	Cascade State 16 well location IR	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483697
673707974	Cascade State 16 well chemical container	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483698
673707975	Cascade State 16 wellhead 2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483699
673707976	Cascade State 16 battery	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483700
673707977	Cascade State 16 bat sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483701
673707978	Cascade State 16 bat CO tank hatch leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3483702

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.)