

**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:
10/20/2014Document Number:
673707173

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	436975	436974	Sherman, Susan	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10414Name of Operator: CASCADE PETROLEUM LLCAddress: 1331 17TH STREET #400City: DENVER State: CO Zip: 80202

- ☒ 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
Sommer, Ashley	(303) 407-6500	asommer@cascadepetroleum.com	
Bugg, Bryan	(303) 407-6500	bbugg@cascadepetroleum.com	
Ritchie, Todd	(303) 407-6500	tritchie@cascadepetroleum.com	
Ikenouye, Teri	(303) 894-2100 x5128	teri.ikenouye@state.co.us	COGCC Production

Compliance Summary:QtrQtr: SWSE Sec: 5 Twp: 9S Range: 55W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
05/28/2014	673703663	DG	DG	ACTION REQUIRED			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
436975	WELL	PR	07/15/2014	OW	073-06603	GAEDE A9S-55W-05-43	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>2</u>	Separators: <u>1</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: <u>2</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

Location

Lease Road:				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	SATISFACTORY	Excellent construction		

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	Installed per 5/28/14 inspection.		
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
CONTAINERS	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
PUMP JACK	SATISFACTORY	steel mesh		
WELLHEAD	SATISFACTORY	steel panels		
SEPARATOR	SATISFACTORY	steel pipe		
IGNITOR/COMBUST OR	SATISFACTORY	steel pipe		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Emission Control Device	1	SATISFACTORY	CONCRETE PAD, FLAME ON39.28813, -103.56662		
Vertical Heated Separator	1	SATISFACTORY	CONCRETE PAD AND SHEDMETAL BERMS 39.28782, -103.56659		
Pump Jack	1	SATISFACTORY	CONCRETE PAD		
Ancillary equipment	3	SATISFACTORY	CHEMICAL CONTAINER AND PROPANE TANK AT WELL, GAS SCRUBBER AT WELL		
Flare	1	SATISFACTORY	CONCRETE PAD 39.28804, -103.56663		
Prime Mover	1	SATISFACTORY	PROPANE		

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Bird Protectors	2	SATISFACTORY	SEPARATOR AND ECD		
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Facilities: ☐ New Tank Tank ID: _____

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

S/A/V: _____ Comment: SAME BERMS AS CRUDE OIL TANKS

Corrective Action: _____ Corrective Date: _____

Paint

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
CRUDE OIL	4	400 BBLS	STEEL AST	39.287900,-103.566250

S/A/V: SATISFACTORY Comment: _____

Corrective Action: _____ Corrective Date: _____

Paint

Condition Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	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
Field Flare	SATISFACTORY			

Predrill

Location ID: 436975

Site Preparation:

Inspector Name: Sherman, Susan

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	HouseyM	Reference Area Photographs and Map will be submitted to the COGCC within 12 months of the submittal date of this Form 2A.	04/09/2014

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Final Reclamation	All surface restoration shall be accomplished to the satisfaction of Owner. Final reclamation shall be completed to the reasonable satisfaction of the Owner as soon as practical after installation (weather permitting) and in accordance with regulatory agency standards (BLM/COGCC).
Interim Reclamation	Utilize only such area around each producing well as is reasonably necessary. Restore the remainder of the well site location to its original condition within a reasonable time after the completion of operations.
General Housekeeping	Fence the well site after drilling to restrict public and wildlife access. Keep well site location, the road, and the pipeline easement free of litter and debris. Implement dust control, as needed. There will be no release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. Construct and maintain gates where any roads used cross through fences on the leased premises.
Construction	Remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation. No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment.
Storm Water/Erosion Control	Use water bars, and other measures to prevent erosion and non-source pollution. Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation.

S/A/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:

Inspector Name: Sherman, Susan

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 436975 Type: WELL API Number: 073-06603 Status: PR Insp. Status: PR

Producing Well

Comment: Update production data with COGCC Production.

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? In CM

CA CA Date

Pit, cellars, rat holes and other bores closed? Pass CM

CA CA Date

Guy line anchors removed? Pass CM

CA CA Date

Guy line anchors marked? CM

CA _____

CA Date _____

1003b. Area no longer in use? InProduction areas stabilized ? In1003c. Compacted areas have been cross ripped? Pass1003d. Drilling pit closed? PassSubsidence 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? InProduction areas have been stabilized? InSegregated soils have been replaced? Pass**RESTORATION AND REVEGETATION**Cropland

Top soil replaced _____

Recontoured _____

Perennial forage re-established _____

Non-CroplandTop soil replaced PassRecontoured Pass80% Revegetation In1003 f. Weeds Noxious weeds? IComment: **TO BE SEEDED IN A COUPLE OF WEEKS.**Overall Interim Reclamation In Process**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
Other	Pass					STRAW BALES
Rip Rap	Pass					
Waddles	Pass					
Silt Fences	Fail					AT WELL NEED MAINTENANCE 9see attached photo).

Inspector Name: Sherman, Susan

Slope Roughening	Pass				
Gravel	Pass	Gravel	Pass	SR	Pass
Compaction	Pass	Compaction	Pass	MHSP	Pass
Culverts	Pass	Ditches	Pass		

S/A/V: **ACTION REQUIRED** Corrective Date: **11/21/2014**

Comment:

CA: **MAINTAIN SILT FENCES ON S SIDE OF WELL LOCATION. DISCUSSED WITH OPERATOR AND HE HAS IT SCHEDULED.**

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Update 2A equipment list.	ShermaSe	10/20/2014

Attached Documents

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

Document Num	Description	URL
673707204	Cascade Gaede 5 43 well sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464696
673707205	Cascade Gaede 5 43 well pits closed	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464697
673707206	Cascade Gaede 5 43 well equipment	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464698
673707207	Cascade Gaede 5 43 wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464699
673707208	Cascade Gaede 5 43 well silt fences on SW side	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464700
673707209	Cascade Gaede 5 43 well silt fences on SE side	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464701
673707210	Cascade Gaede 5 43 well drainage S of well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464702
673707211	Cascade Gaede 5 43 Bat sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464703
673707212	Cascade Gaede 5 43 Bat tanks/metal berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464704
673707213	Cascade Gaede 5 43 Bat separator/metal berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464705
673707214	Cascade Gaede 5 43 Bat field flare	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3464706

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.)