

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:
10/28/2014

Document Number:
673707452

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>439187</u>	<u>439191</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: 10414

Name of Operator: CASCADE PETROLEUM LLC

Address: 1331 17TH STREET #400

City: 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
Ritchie, Todd	(303) 407-6500	tritchie@cascajepetroleum.com	
Bugg, Bryan	(303) 407-6500	bbugg@cascajepetroleum.com	
Sommer, Ashley	(303) 407-6500	asommer@cascajepetroleum.com	

Compliance Summary:

QtrQtr: NWNE Sec: 8 Twp: 9S Range: 55W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
439187	WELL	DG	10/27/2014		073-06665	GAEDE 9S-55W-8-16	DG <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 Mortors: _____	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

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

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date

Multiple Spills and Releases?

Venting:	
Yes/No	Comment

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

Predrill

Location ID: 439187

Site Preparation:

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

S/AV: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	HouseyM	The proposed location is in a sensitive area within close proximity to a surface water drainage. BMPs (including engineering and administrative controls) shall be implemented to minimize potential impacts to the drainage from soil and/or contaminant migration.	09/24/2014
OGLA	HouseyM	Operator shall submit a Form 42 to the COGCC 48 hours prior to the commencement of construction activities.	09/24/2014

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
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.
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.
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.
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.
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).

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: 439187 Type: WELL API Number: 073-06665 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Schaal Drilling Pusher/Rig Manager: Armando Burciaga
 Permit Posted: SATISFACTORY Access Sign: _____

Well Control Equipment:
 Pipe Ram: _____ Blind Ram: _____ Hydril Type: _____
 Pressure Test BOP: _____ Test Pressure PSI: _____ Safety Plan: _____

Drill Fluids Management:
 Lined Pit: YES Unlined Pit: YES Closed Loop: NO Semi-Closed Loop: NO
 Multi-Well: NO Disposal Location: on location

Comment:
 TD 536', surface casing 529', no groundwater
 FW pit 39.28637, -103.57516, Drilling pit 39.28617, -103/57484
 Frac tank between pits for extra water

Cement

Cement Contractor

Contractor Name: Consolidated OWS

Contractor Phone: 785-672-8822

Surface Casing

Cement Volume (sx): 275

Circulate to Surface: YES

Cement Fall Back: _____

Top Job, 1" Volume: _____

Intermediate Casing

Cement Volume (sxs): _____

Good Return During Job: _____

Production Casing

Cement Volume (sx): _____

Good Return During Job: _____

Plugging Operations

Depth Plugs(feet range): _____

Cement Volume (sx): _____

Good Return During Job: _____

Cement Type: _____

Comment: 3% CaCL, 2% gel

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? _____ 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: 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
Silt Fences	Pass					
Gravel	Pass	Gravel	Pass			
Ditches	Pass	Ditches	Pass			
Other	Pass	Other	Pass			straw bales/staked, top soil piles
Blankets	Pass					
Retention Ponds	Pass					
Compaction	Pass	Compaction	Pass			

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

Comment: Site under construction during surface drilling. Steep location.

CA: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Site construction in process.	ShermaSe	10/31/2014

Attached Documents

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

Document Num	Description	URL
673707527	Cascase Gaede 8 16 Dr FW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472286
673707528	Cascase Gaede 8 16 Dr cover materials	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472287
673707529	Cascase Gaede 8 16 Dr drill pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472288
673707530	Cascase Gaede 8 16 Dr ditches	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472289
673707531	Cascase Gaede 8 16 Dr surface rig	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472290
673707532	Cascase Gaede 8 16 Dr straw bales	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472291
673707533	Cascase Gaede 8 16 Dr silt fence	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472292
673707534	Cascase Gaede 8 16 Dr top soil	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472293
673707535	Cascase Gaede 8 16 Dr drainage	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472294
673707536	Cascase Gaede 8 16 Dr frac tank	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3472295