

**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:

09/24/2013

Document Number:

663600317

Overall Inspection:

Violation**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>426119</u>	<u>426117</u>	<u>GINTAUTAS, PETER</u>	<input type="checkbox"/> 2A Doc Num: _____

Operator Information:

OGCC Operator Number:

Name 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
NOTO, JOHN		john.noto@state.co.us	
Bugg, Bryan	(303) 407-6500	bbugg@cascadepetroleum	Senior Eng

Compliance Summary:QtrQtr: NWNW Sec: 12 Twp: 9S Range: 56W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/04/2013	668600318	PR	PR	U	I		N
01/26/2012	663900493	XX	DG	S			N

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
426119	WELL	PR	12/20/2012	OW	073-06462	Safranek 04-1296H	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: <u>1</u>
Condensate Tanks: _____	Water Tanks: <u>2</u>	Separators: <u>1</u>	Electric Motors: <u>1</u>
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>3</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: <u>1</u>

Location

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			

BATTERY	Satisfactory	well id sign at tank battery with emergency contact info		
CONTAINERS	Satisfactory	two drums of chemicals on well pad with labels		
TANK LABELS/PLACARDS	Violation	none of the tanks have contents labeled, NFPA decals or capacity labels and did not have in previous inspection several months prior	Label tanks per rule 210	10/29/2013

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WEEDS	Unsatisfactory		control weeds	11/01/2013

Spills:

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

Fencing/:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Satisfactory			
PUMP JACK	Satisfactory	steel panel		

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Flare	1	Unsatisfactory	flare at tank battery with no notice by form 4	submit form 4 and make appropriate notification of flaring per rule 912	10/22/2013
Veritcal Heater Treater	1	Satisfactory			
Pump Jack	1	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	2	300 BBLS	STEEL AST	,	
S/U/V:	Satisfactory		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					
Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2	300 BBLS	STEEL AST	39.286080,-103.621110	
S/U/V:	Satisfactory		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				
NO					
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Pipe	Satisfactory		at tank battery, see corrective action above		
Predrill					
Location ID: 426117					
Site Preparation:					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	

S/U/V: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	koepsear	<p>The operator will conduct baseline sampling of (at a minimum) the two (2) closest water wells, springs, or surface water features within a one (1) mile radius of the proposed Safranek 04-1296H location. Sampling preference shall be given to domestic water wells and springs over surface water. Testing of surface water features shall only be conducted if two (2) water wells or springs do not exist within a one (1) mile radius of the selected oil and gas location. If possible, the water wells or springs selected should be on opposite sides of the oil and gas location not exceeding a one (1) mile radius. If water wells or springs on opposite sides of the oil and gas location cannot be identified or access to the wells is denied by the owner, then the two (2) closest wells or springs within a one (1) mile radius of the oil and gas location shall be sampled. The operator may conduct additional groundwater monitoring at their own discretion.</p> <p>Laboratory analysis at a minimum will include the following:</p> <p>pH (lab) TDS Conductivity (lab, not resistivity) SAR calculation Ca, K, Mg, Na, As, B, Ba, Cd, Cr, Cu, Fe, Mn, Pb, Se (all total recoverable) Br, Cl, F, SO₄, Alkalinity (Total, HCO₃ and CO₃ – all expressed as CaCO₃) benzene toluene ethyl benzene o-xylene m- + p-xylene Dissolved Methane MBAS DRO, GRO</p> <p>Field parameters including pH, Temperature and Conductivity shall be recorded prior to collecting the sample for laboratory analysis. Field observations such as odor, water color, sediment, bubbles and effervesce shall also be included.</p> <p>The selected sampling locations will be sampled again 1 year after and 3 years after completion. Post completion sampling of water wells will consist of the same analyte list as the pre-drilling program.</p> <p>Copies of all test results, field parameters and field observations described above shall be provided to the Director and the water well owner within three (3) months of collecting the samples. The analytical data and surveyed well locations shall also be submitted to the Director in an electronic data deliverable format. The data can be sent via email to Arthur.Koepsell@state.co.us.</p> <p>Operators shall make a good faith effort to conduct initial baseline testing of the selected water wells prior to the drilling of the proposed well; however, not conducting baseline testing because access to the water wells cannot be obtained shall not be grounds for a violation.</p>	10/14/2011
OGLA	koepsear	All production pits will be lined as per rule 904.b.	10/14/2011

S/U/V: Violation _____**Comment:** _____

no baseline water sampling done or submitted to COGCC

CA: submit water sampling data to COGCC water quality database**Date:** _____

10/31/2013

Wildlife BMPs: _____

BMP Type	Comment
Final Reclamation	All surface restoration shall be accomplished to the satisfaction of Owner. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by 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. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.
Site Specific	Fence the well site after drilling to restrict public and wildlife access. Keep well site location, the road, and the pipeline easement free of noxious weeds, litter and debris. Spray for noxious weeds, and implement dust control, as needed. Auburn Operating Company, LLC will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. Construct and maintain gates where any roads used by Auburn Operating Company, LLC cross through fences on the leased premises.
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. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s).
Planning	When feasible develop multiple well sites by using directional drilling to reduce cumulative impacts and adverse impacts on wildlife resources.
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.

S/U/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:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 426119 Type: WELL API Number: 073-06462 Status: PR Insp. Status: PR

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 REVEGETATIONCropland

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

S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
663600331	tank battery no labels	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3201782
663600332	unreported flare	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3201783