

**FORM
INSP**Rev
05/11**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:

01/11/2012

Document Number:

667100002

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name
	<u>324634</u>	<u>324634</u>		<u>FISCHER, ALEX</u>

Operator Information:OGCC Operator Number: 100200 Name of Operator: LONE PINE GAS INCAddress: 6704 E LONG AVECity: ENGLEWOODState: COZip: 80112**Contact Information:**

Contact Name	Phone	Email	Comment
NEIDEL, KRIS		kris.neidel@state.co.us	
Cody Lofland		cody@pinedalegas.com	
Stephen Shute	970-928-9208	pipeline@rof.net	

Compliance Summary:QtrQtr: SWSE Sec: 28 Twp: 9N Range: 81W**Inspector Comment:**

It is suggested that Lone Pine Gas, Inc., retain the services of a qualified individual or entity, specifically experienced in environmental cleanup and compliance to develop a Site Investigation and Remediation Work Plan (Form 27), Immediately begin to initiate cleanup of hydrocarbons along Ponds 4 and 5 (see Attachment 1) and along the outfall discharge to Spring Gulch. Collect surface water samples from Spring Gulch Creek at locations up gradient of where drainage discharges into the Creek, at the approximate point of discharge, and down gradient of the approximate point of discharge. Remediate and collect soil samples along the flow path in the drainage where visible oil staining was observed. Collect water samples from Ponds (1, 2, 3, 4, 5) and the Holding Pond. Water samples from the Ponds, soil samples, surface water samples (Spring Gulch Creek) and are to be analyzed for: o Anions (Cl, BR, NO₂, NO₃, o-Phosphate, SO₄) o Dissolved Metals (Ca, Fe, Mg, Mn, K, Na) o Dissolved Metals (Se) o Fluoride o Alkalinity Series (Carbonate, Bicarbonate, Hydroxide, and Total Alkalinity) o Total Dissolved Solids o Specific Conductance o Ph, o SAR, o ECo Benzene, Toluene, Ethylbenzene, and Xylenes (total) o Total petroleum hydrocarbons (DRO and GRO) Remove accumulation of oil from all pits and ponds, provide proper fencing and netting around all pits and ponds. All materials removed shall NOT be landfarmed on site, but disposed of an approved facility. Haul tickets will be required to be provided to the COGCC. Immediately cease using the pit identified as "Holding Pond." This pit has a compromised liner with excess gas is being vented into the pit, the pit contains oil and water, the pit is not netted. Either close or properly permit the Holding Pond as a "Special Purpose Pit." There appeared to be E & P material along the sides of the pit. As part of the Form 27 shall address a subsurface site investigation to determine groundwater conditions in the vicinity of the Holding Pond, Pond 1, Pond 2, and Pond 3 and hydraulic connectively between the ponds. Lone Pine Gas, Inc. staff stated they do not know the source of the water in the Holding Pond. Attempts have been made to draw down Holding Pond, but is recharging from an unknown source. A timeline shall be provided for completing activities of the subsurface site investigation. Provide "as-built" process flow diagram of the Lone Pine Gas, Inc. Processing Plant. It is suggested that all flow lines should be labeled as gas, water, oil and the direction of flow. Mechanically remove from service and cap flow lines, from the three (3) 400 bbl out of service tanks that are located within the tank battery. These tanks are currently plumbed.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name
150081	UIC DISPOSAL	AC	01/15/1985		-	SPAULDING 4-B
212138	WELL	PR	02/01/2011	OW	057-06031	MARGARET SPAULDING 4
212154	WELL	SI	06/15/1984	DSPW	057-06047	MARGARET SPAULDING 4-B
212215	WELL	PR	07/19/1974	OW	057-06108	MARGARET SPAULDING 14
324634	LOCATION	AC	04/14/2009		-	MARGARET SPAULDING-69N81W 28SWSE

Inspector Name: FISCHER, ALEX

427281	TANK BATTERY	AC	01/10/2012	-	M. SPAULDING CENTRALIZED TANK BATT 1	<input type="checkbox"/>
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Equipment:

Location Inventory

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

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

Comment: _____

Corrective Action: _____

Spills:

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

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 324634

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:**Wildlife BMPs:****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:**Environmental****Spills/Releases:**

Type of Spill: WATER Description: _____ Estimated Spill Volume: _____

Comment: As part of the Form 27 shall address a subsurface site investigation to determine groundwater conditions in the vicinity of the Holding Pond, Pond 1, Pond 2, and Pond 3 and hydraulic connectivity between the ponds. Lone Pine Gas, Inc. staff stated they do not know the source of the water in the Holding Pond. Attempts have been made to draw down Holding Pond, but is recharging from an unknown source. A timeline shall be provided for completing activities of the subsurface site investigation. Provide "as-built" process flow diagram of the Lone Pine Gas, Inc. Processing Plant. It is suggested that all flow lines should be labeled as gas, water, oil and the direction of flow. Mechanically remove from service and cap flow lines, from the three (3) 400 bbl out of service tanks that are located within the tank battery. These tanks are currently plumbed.

Corrective Action: Work with Alex Fischer, Environmental Supervisor in developling a Form 27 Site

Date: 03/09/2012

Reportable: YES GPS: Lat _____ Long _____

Proximity to Surface Water: 600 Depth to Ground Water: _____

Water Well:

DWR Receipt Num: _____ Owner Name: _____ GPS: _____ Lat _____ Long _____

Field Parameters:

Sample Location: _____

Waste Management:

Type	Management	Condition	Comment	GPS (Lat)	(Long)
Oily Soil	Other	Adequate	Impacted soil around the edges of Ponds 4 and 5 is currently being stockpiled on Location ID 324634; API 05-057-06031. The pad is bermed.		
Oily Soil	Other	Adequate	All materials removed shall NOT be landfarmed on site, but disposed of an approved facility. Haul tickets will be required to be provided to the COGCC.		

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: _____

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 _____

Inspector Name: FISCHER, ALEX

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: _____

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

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:

Inspector Name: FISCHER, ALEX

Pit Type: Skimming/Settling Lined: YES Pit ID: _____ Lat: _____ Long: _____

Lining:

Liner Type: Other Liner Condition: Inadequate

Comment: Immediately cease using the pit identified as "Holding Pond." This pit has a compromised liner with excess gas is being

Fencing:

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: Netting not present on this pit

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____

Pit (S/U/V): Unsatisfactory Comment: This pit needs to be taken out of service, remediated and permitted as a special purpose pit.

Corrective Action: Immediately cease using the pit identified as "Holding Pond." This pit has a compromised liner with excess gas is being vented into the pit, the pit contains oil and water, the pit is not netted.

Date: **03/09/2012**

Either close or properly permit the Holding Pond as a "Special Purpose Pit."

Attached Documents

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

Document Num	Description	URL
667100002	INSPECTION APPROVED	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2873077
667100009	Lone Pine Tank Battery and Pond Diagram	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2874853
667100010	Corrective Action	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2874854
667100011	UnPermitted "Holding Pit"	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2874855
667100012	Apparent sludge in "Holding Pit"	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2874856