

**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:

02/28/2013

Document Number:

667100023

Overall Inspection:

Violation**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>427281</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	
shute, stephen	970-928-9208	pipeline@rof.net	
FISCHER, ALEX		alex.fischer@state.co.us	

Compliance Summary:

QtrQtr: _____		Sec: _____		Twp: _____		Range: _____	
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/11/2012	667100002			U			N

Inspector Comment:

The Lone Pine facility inspection and sampling were conducted on 2/28/13 and 3/1/13. The ground had approximately 50% snow cover. Weather conditions were partly cloudy to clear and calm on both days. The facility was active on both days with an outfall flow of approximately 125 gpm. 2/28/13 Collected soil and water samples from pond 1 (#112265) and pond 2 (#112266) and a soil background sample. The soil samples were collected near the water line, water samples were primarily skimmed from the water surface. Pond 1 was noted to have an oil layer on the eastern (downwind) side and a prominent sheen throughout. Oil saturated soil was along the perimeter of the pond at the waterline. Oil contaminated soil was adjacent to the northern end of the pond. Pond 2 was noted to have oil stringers and a prominent sheen. Oil saturated soil was along the perimeter of the water pond at the waterline. 3/1/13 Collected samples from Pond 3 (#112267), Pond 4 (#112268), Pond 5 (#112269), the outfall and the soil stockpile. The outfall flow gauge appeared to be functional and displayed rates of approximately 120 to 125 gpm. No sheen was on the water and no oil staining was observed at the outfall. There was orange (iron) stained sediment in the channel below the outfall. Pond 5 (#112269) did not have a sheen or oil stained soil. Pond 4 (#112268) did not have a sheen or oil stained soil. Pond 3 (#112267) had a moderate sheen and trace oil stringers. Oil stained soil was at the north end of the pond. The stockpile was sampled that was adjacent to the Margaret Spaulding #14 well and a decommissioned tank. The sample was collected from a portion of the stockpile that was visibly oil contaminated. The fences around the ponds were in a state of disrepair and there was evidence of livestock within the fenced areas. An oil saturated absorbent boom was on the bank of Pond 1. No active oil mitigation was observed in any of the ponds. The separator and production oil tank area had partial snow cover that limited the ability to document oil stained soil. No active leaks were observed. Oil stained soil was visible in the loadout area. The soil berm around the tanks was uneven and portions were low/worn. Two of the vertical separator tanks had rust perforations near their tops. Hatches on the tanks were partially closed. The two stockpiles of excavated "holding pond" soil had soil berms. The northern stockpile (adjacent to the Margaret Spaulding #4 well) had a low/uneven berm on the west (downhill) side. The southern stockpile (adjacent to the Margaret Spaulding #14 well) was surrounded by deep snow and the condition of the berm was not evaluated.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
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	
427281	TANK BATTERY	AC	01/10/2012		-	M. SPAULDING CENTRALIZED TANK BATT 1	

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: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Unsatisfactory	loose drums and debris adjacent outside of facility bldg	remove unnecessary materials and equipment	04/01/2013

Spills:

Type	Area	Volume	Corrective action	CA Date
Crude Oil		> 5 bbls	oil stained soil from historic spills present throughout facility including oil stained stockpiled soil adjacent to wells. remediate and remove stained soil/impacted material. corrective action should be taken as soon as conditions permit	04/01/2013
Crude Oil	Truck Loadout	<= 5 bbls	remediate and remove stained soil/impacted material. corrective action should be taken as soon as conditions permit	04/01/2013
Crude Oil		<= 5 bbls	oil stained soil at former 500 bbl oil water separator near former holding pond. remediate and remove stained soil/impacted material. corrective action should be taken as soon as conditions permit	04/01/2013

☒ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Unsatisfactory	three strand wire fence around ponds in disrepair/broken, evidence of animals accessing areas.	restore fence to prevent access to pond/pits by cattle and wildlife, see inspection Doc # 669300370	03/18/2013

Inspector Name: FISCHER, ALEX

Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
S/U/V:			Comment: gauge hatches on tanks observed to be partially open/not secured rust through/small perforations near top of oil/water separation tanks		
Corrective Action:		see inspection Doc # 669300370			Corrective Date: _____
Paint					
Condition	_____				
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth				Inadequate	
Corrective Action	shore up and level out soil berms				Corrective Date 04/01/2013
Comment	soil berms uneven and worn down in places with numerous low areas				
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:**Comment:****CA:****Date:****Wildlife BMPs:****Comment:****CA:****Date:****Stormwater:**

Erosion BMPs

Present

Other BMPs

Present

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: _____

Other BMPs: _____

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: _____ 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: _____

Waste Management:

Type	Management	Condition	Comment	GPS (Lat)	(Long)
Oily Soil	Piles	Inadequate	oily stockpiled soil needs to be properly remediated or disposed of. berms were noted around stockpiles. stormwater runoff/runoff controls should be addressed.		

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 REVEGETATION

Inspector Name: FISCHER, ALEX

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: _____

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 _____

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:

Pit Type: Produced Water Lined: NO Pit ID: 112268 Lat: 40.717751 Long: -106.499514

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: in disrepair

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/U/V): Satisfactory Comment: no sheen or oil observed on water surface

Corrective Action: repair fencing Date: 04/01/2013

Pits:

Pit Type: Produced Water Lined: NO Pit ID: 112267 Lat: 40.717130 Long: -106.498386

Lining:

Liner Type: _____ Liner Condition: _____

Comment: oil saturated soil at/near water line, strong sheen on majority of pond surface

Fencing:

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: in disrepair

Netting:

Netting Type: _____ Netting Condition: _____

Comment: no netting present

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

Pit (S/U/V): Violation Comment: oil saturated soil at/near water line, moderate to strong sheen on majority of pond surface. oil stained soil on bank of pond.

Corrective Action: remove oil from water surface within 24 hours of discovery per Rule 902.c., remediate oil saturated soil along perimeter of pond Date: 04/01/2013

Pits:

Pit Type: Produced Water Lined: NO Pit ID: 112266 Lat: _____ Long: _____

Lining:

Liner Type: _____ Liner Condition: _____

Comment: oil saturated soil at/near water line, strong sheen on majority of pond surface

Fencing:

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: in disrepair

Netting:

Netting Type: _____ Netting Condition: _____

Comment: no netting present

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

Pit (S/U/V): Violation Comment: oil saturated soil at/near water line, strong sheen on majority of pond surface. oil stained soil on bank of pond.

Corrective Action: remove oil from water surface within 24 hours of discovery per Rule 902.c., remediate oil saturated soil along perimeter of pond Date: 04/01/2013

Pits:

Pit Type: Produced Water Lined: NO Pit ID: 112269 Lat: 40.718083 Long: -106.499402

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: in disrepair

Netting:

Netting Type: _____ Netting Condition: _____

Comment: no netting present

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/U/V): Satisfactory Comment: no sheen or oil observed on water surface

Corrective Action: repair fencing

Date: 04/01/2013

Pits:

Pit Type: Produced Water Lined: NO Pit ID: 112265 Lat: 40.717314 Long: -106.497911

Lining:

Liner Type: _____ Liner Condition: _____

Comment: free phase oil on water, oil saturated soil at/near water line, strong sheen on majority of pond surface

Fencing:

Fencing Type: Livestock Fencing Condition: Inadequate

Comment: in disrepair

Netting:

Netting Type: _____ Netting Condition: _____

Comment: no netting present

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

Pit (S/U/V): Violation Comment: free phase oil on water, oil saturated soil at/near water line, strong sheen on majority of pond surface. oil stained soil on bank of pond.

Corrective Action: remove oil from water surface within 24 hours of discovery per Rule 902.c., remediate oil saturated soil along perimeter of pond.

Date: 04/01/2013

COGCC Comments

Comment	User	Date
<p>The Lone Pine facility inspection and sampling were conducted on 2/28/13 and 3/1/13. The ground had approximately 50% snow cover. Weather conditions were partly cloudy to clear and calm on both days. The facility was active on both days with an outfall flow of approximately 125 gpm.</p> <p>2/28/13</p> <p>Collected soil and water samples from pond 1 (#112265) and pond 2 (#112266) and a soil background sample. The soil samples were collected near the water line, water samples were primarily skimmed from the water surface.</p> <p>Pond 1 was noted to have an oil layer on the eastern (downwind) side and a prominent sheen throughout. Oil saturated soil was along the perimeter of the pond at the waterline. Oil contaminated soil was adjacent to the northern end of the pond</p> <p>Pond 2 was noted to have oil stringers and a prominent sheen. Oil saturated soil was along the perimeter of the water pond at the waterline.</p> <p>3/1/13</p> <p>Collected samples from Pond 3 (#112267), Pond 4 (#112268), Pond 5 (#112269), the outfall and the soil stockpile.</p> <p>The outfall flow gauge appeared to be functional and displayed rates of approximately 120 to 125 gpm. No sheen was on the water and no oil staining was observed at the outfall. There was orange (iron) stained sediment in the channel below the outfall.</p> <p>Pond 5 (#112269) did not have a sheen or oil stained soil. Pond 4 (#112268) did not have a sheen or oil stained soil. Pond 3 (#112267) had a moderate sheen and trace oil stringers. Oil stained soil was at the north end of the pond.</p> <p>The stockpile was sampled that was adjacent to the Margaret Spaulding #14 well and a decommissioned tank. The sample was collected from a portion of the stockpile that was visibly oil contaminated.</p> <p>The fences around the ponds were in a state of disrepair and there was evidence of livestock within the fenced areas. An oil saturated absorbent boom was on the bank of Pond 1. No active oil mitigation was observed in any of the ponds.</p> <p>The separator and production oil tank area had partial snow cover that limited the ability to document oil stained soil. No active leaks were observed. Oil stained soil was visible in the loadout area.</p> <p>The soil berm around the tanks was uneven and portions were low/worn.</p> <p>Two of the vertical separator tanks had rust perforations near their tops. Hatches on the tanks were partially closed.</p> <p>The two stockpiles of excavated "holding pond" soil had soil berms. The northern stockpile (adjacent to the Margaret Spaulding #4) well had a low/uneven berm on the west (downhill) side. The southern stockpile (adjacent to the Margaret Spaulding #14 well) was surrounded by deep snow and the condition of the berm was not evaluated.</p>	fischera	03/06/2013