

**FORM
INSP**Rev
X/15**State of Colorado
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

11/23/2016

Submitted Date:

11/28/2016

Document Number:

685301855**FIELD INSPECTION FORM**

Loc ID 393243 Inspector Name: St John, William (Cal) On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 1375Name of Operator: LINDE INCAddress: 575 MOUNTAIN AVECity: MURRAY HILL State: NJ Zip: 07974**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**15 Number of Comments5 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Hughes, Jerrod	970-565-7021	jerrod.hughes@linde.com	SW Inspection Reports

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
224471	WELL	PR	11/09/1991	GW	083-06536	AIRCO FEDERAL 2	PR

General Comment:

Inspection report contains corrective actions and comments. See Signs/Marker, Equipment, Tanks and Berms, and Stormwater Sections of report for additional details. See link at end of report for path to downloadable pictures.

Location

Lease Road:			
Type	Access		
comment:			
Corrective Action	L	Date:	

Overall Good: ☐

Signs/Marker:			
Type	WELLHEAD		
Comment:	Sign contains incorrect API # 050830651400S1. The correct API # is 05-083-06536.		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Tank is not labeled or posted with name of operator, emergency contact information, tank capacity, and National Fire Protection Association (NFPA) Label. Contents is posted on tank.		
Corrective Action:	Install sign to comply with Rule 210.d.(1).	Date:	01/30/2017

Emergency Contact Number:

Comment: Plant phone number post on wellhead sign.

Corrective Action:

Date: _____

Overall Good: ☐

Spills:				
Type	Area	Volume		

In Containment: No

Comment:

☐ Multiple Spills and Releases?

Equipment:			corrective date
Type: Other	# 1		
Comment:	Chemical tank on spill prevention.		
Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 1		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:			
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:	Deadmen not marked		
Corrective Action:	Locate and mark all deadmen to comply with Rule 1003.a	Date:	12/16/2016
Type: Ancillary equipment	# 1		
Comment:	Telemetry Equipment		
Corrective Action:		Date:	

Type: Other	# 1	
Comment:	55 gallon drum and transfer pump in spill prevention.	
Corrective Action:		Date:
Type: Bird Protectors	# 1	
Comment:		
Corrective Action:		Date:
Type: Ancillary equipment	# 1	
Comment:	Wellhead	
Corrective Action:		Date:
Type: Gas Meter Run	# 1	
Comment:		
Corrective Action:		Date:
Type: Other	# 1	
Comment:	Riser and Valve	
Corrective Action:		Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	OTHER	FIBERGLASS AST		,
Comment:	Tank gauge hatch is missing.				
Corrective Action:	Replace hatch and close when not accessing tank per Rule 605.a.(9)				Date: 11/30/2016

Paint

Condition	Adequate
Other (Content)	
Other (Capacity)	UNKNOWN
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Insufficient	Inadequate
Comment:	Weeds and grass are growing inside bermed containment area.			
Corrective Action:	Remove weeds and grass and repair berm base or place in other secondary containment devices per Rule 605.a.(4).			Date: 12/30/2016

Venting:

Yes/No	NO
Comment:	
Corrective Action:	Date:

Flaring:

Type	
Comment:	
Corrective Action:	Date:

Inspected Facilities									
Facility ID:	224471	Type:	WELL	API Number:	083-06536	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	PR								
Corrective Action:						Date:			

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

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

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

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 _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment _____

Corrective Action _____ Date _____

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 _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

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
Compaction	Fail	Gravel	Pass			
Ditches	Fail					
Gravel	Pass					
Berms	Fail	Compaction	Pass	Material Handling And Spill Prevention	Pass	

Comment: There is erosion channel in the NW corner where stormwater and sediment have breeched ditch and berm and are flowing onto location. Erosion channel from N to S across location where stormwater is flowing along N side of location and then into channel across location. SE corner of location has erosion channel and widening wash were stormwater and sediment are flowing off location.

Corrective Action: Install or repair required BMPs per Rule 1002.f. Refer to the 1002.f guidance document for further details.

Date: 12/30/2016

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
685301855	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013708
685301856	Sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013622
685301857	Tank missing hatch and weeds growing inside berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013623
685301858	Standing stormwater and erosion channel N side	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013624
685301859	Flow onto NW corner	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013625
685301860	SE corner erosion channel	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013626
685301861	SE corner where flow leaves location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013627