

**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	<a href="#">SW Inspection Reports</a>

**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**

<b>Lease Road:</b>			
Type	Access		
comment:			
Corrective ActionL		Date:	

Overall Good: ☐

<b>Signs/Marker:</b>			
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: ☐

<b>Spills:</b>				
Type	Area	Volume		

In Containment: No

Comment:

☐ Multiple Spills and Releases?

<b>Equipment:</b>			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:

<b>Inspected Facilities</b>				
Facility ID: 224471	Type: WELL	API Number: 083-06536	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
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 REVEGETATION**Cropland

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 APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4018104">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4018104</a>
685301856	Sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013622">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013622</a>
685301857	Tank missing hatch and weeds growing inside berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013623">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013623</a>
685301858	Standing stormwater and erosion channel N side	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013624">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013624</a>
685301859	Flow onto NW corner	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013625">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013625</a>
685301860	SE corner erosion channel	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013626">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013626</a>
685301861	SE corner where flow leaves location	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013627">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4013627</a>