

**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:

06/13/2018

Submitted Date:

06/13/2018

Document Number:

689301279**FIELD INSPECTION FORM**

Loc ID 416979	Inspector Name: Holtz, Darin	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
Operator Information: OGCC Operator Number: <u>10531</u> Name of Operator: <u>VANGUARD OPERATING LLC</u> Address: <u>5847 SAN FELIPE #3000</u> City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77057</u>				Findings: <u>26</u> Number of Comments <u>2</u> Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Ghan, Scott	970-744-8128	sgghan@vnreenergy.com	SR. EH&S
Aaron, Axelson	230-0926	aaxelson@vnreenergy.com	Sr. Production Foreman

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
416984	WELL	PR	03/22/2011	GW	045-19420	GGU MILLER FED 34B-32-691	PR
416985	WELL	PR	05/05/2011	GW	045-19421	GGU MILLER FED 33B-32-691	PR
416987	WELL	PR	03/22/2011	GW	045-19422	GGU MILLER FED 33A-32-691	PR
416988	WELL	PR	05/10/2011	GW	045-19423	GGU MILLER FED 33C-32-691	PR
416989	WELL	PR	05/10/2011	GW	045-19424	GGU MILLER 23B-32-691	PR
416990	WELL	PR	04/15/2011	GW	045-19425	GGU MILLER 24B-32-691	PR
416991	WELL	PR	04/15/2011	GW	045-19426	GGU MILLER 24A-32-691	PR
416992	WELL	PR	03/19/2015	GW	045-19427	GGU MILLER 24D-32-691	PR
416993	WELL	PR	03/23/2011	GW	045-19428	GGU MILLER FED 34C-32-691	PR
416994	WELL	PR	05/05/2011	GW	045-19429	GGU MILLER 24C-32-691	PR
416995	WELL	PR	05/05/2011	GW	045-19430	GGU MILLER 23C-32-691	PR
416996	WELL	PR	03/22/2011	GW	045-19431	GGU MILLER FED 34D-32-691	PR
416997	WELL	PR	03/22/2011	GW	045-19432	GGU MILLER FED 34A-32-691	PR

General Comment:

Routine Field Inspection

Location

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

Overall Good: ☒

Signs/Marker:			
Type	TANK LABELS/PLACARDS		
Comment:	Signs faded on tanks on south side, see photo's		
Corrective Action:	Install sign to comply with Rule 210.e.	Date:	08/13/2018

Emergency Contact Number:

Comment: 1-800-921-8252

Corrective Action:

Date:

Good Housekeeping:

Type	WEEDS		
Comment:			
Corrective Action:		Date:	
Type	TRASH		
Comment:			
Corrective Action:		Date:	
Type	DEBRIS		
Comment:			
Corrective Action:		Date:	

Overall Good: ☒

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?

Fencing/:			
Type	TANK BATTERY		
Comment:	Livestock gates		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Livestock gates		
Corrective Action:		Date:	
Type	SEPARATOR		
Comment:	Hog panel fencing		
Corrective Action:		Date:	

Equipment:				corrective date	
Type: Plunger Lift	# 13				
Comment:					
Corrective Action:				Date:	
Type: Flow Line	# 1				
Comment:	Water flow line to pit				
Corrective Action:				Date:	
Type: Pig Station	# 1				
Comment:					
Corrective Action:				Date:	
Type: Bird Protectors	# 13				
Comment:					
Corrective Action:				Date:	
Type: Ancillary equipment	# 2				
Comment:	4 Chemical units at Wellheads Chemical trailer in containment by the pit				
Corrective Action:				Date:	
Type: Emission Control Device	# 1				
Comment:					
Corrective Action:				Date:	
Type: Horizontal Heated Separator	# 13				
Comment:					
Corrective Action:				Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
CONDENSATE	2	500 BBLS	STEEL AST		,	
Comment:	Centralized Battery					
Corrective Action:					Date:	

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Comment:						
Corrective Action:					Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS	
OTHER	2	<50 BBLS	OTHER		,	

Comment:	2 fuel 500 gallon fuel tanks used for refueling water transfer pumps Sign or label not posted or information inaccurate on tanks or containers	
Corrective Action:	Install sign to comply with Rule 210.d.	Date: 07/13/2018

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				
Date:				

Contents	#	Capacity	Type	Tank ID	SE GPS
CONDENSATE	6	500 BBLS	HEATED STEEL AST		,
Comment:					
Corrective Action:					
Date:					

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:				
Corrective Action:				
Date:				

Venting:

Yes/No	YES
Comment:	Bradenheads open
Corrective Action:	
Date:	

Flaring:

Type	
Comment:	
Corrective Action:	
Date:	

Inspected Facilities									
Facility ID:	416984	Type:	WELL	API Number:	045-19420	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416985	Type:	WELL	API Number:	045-19421	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416987	Type:	WELL	API Number:	045-19422	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416988	Type:	WELL	API Number:	045-19423	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416989	Type:	WELL	API Number:	045-19424	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416990	Type:	WELL	API Number:	045-19425	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416991	Type:	WELL	API Number:	045-19426	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Well Producing on plunger lift								
Corrective Action:						Date:			
Facility ID:	416992	Type:	WELL	API Number:	045-19427	Status:	PR	Insp. Status:	PR

Environmental	
Spill/Remediation:	
Comment:	
Corrective Action:	Date:
Emission Control Burner (ECB): YES	
Comment:	
Pilot: ON	Wildlife Protection Devices (fired vessels): YES

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

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

Land Use: RANGELAND

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? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

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: 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 _____

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				
Slope Roughening						
Ditches						
Berms						
		Gravel				
Culverts						
				Material Handling And Spill Prevention		

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	451892	401224814	
	430352	400278587	
	451892	401224814	

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

Document Num	Description	URL
689301280	Inspection Photo 68931280	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4493490