

**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:

03/24/2017

Submitted Date:

03/31/2017

Document Number:

680101612

FIELD INSPECTION FORM

Loc ID 335521 Inspector Name: Colby, Lou On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

Operator Information:

OGCC Operator Number: 10531
Name of Operator: VANGUARD OPERATING LLC
Address: 5847 SAN FELIPE #3000
City: HOUSTON State: TX Zip: 77057

Findings:

- 5 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Pearl, Chase		cpearl@vnrlc.com	Reclamation
		aaxelson@vnrlc.com	
Ghan, Scott	970 876-1959	sghan@vnrlc.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
297301	WELL	PR	04/22/2009	GW	045-16382	JCJ 22C-21-692	RI
297476	WELL	PR	04/08/2009	GW	045-16854	JCJ 11A-21-692	RI
297477	WELL	PR	04/20/2009	GW	045-16855	JCJ 21B-21-692	RI
297478	WELL	PR	04/20/2009	GW	045-16856	JCJ 21A-21-692	RI
297479	WELL	PR	03/26/2009	GW	045-16857	JCJ 12D-21-692	RI
297480	WELL	PR	03/25/2009	GW	045-16858	JCJ 12C-21-692	RI
297481	WELL	PR	03/26/2009	GW	045-16859	JCJ 12B-21-692	RI
297482	WELL	PR	03/30/2009	GW	045-16860	JCJ 12A-21-692	RI
297483	WELL	PR	04/09/2009	GW	045-16861	JCJ 11D-21-692	RI
297484	WELL	PR	04/09/2009	GW	045-16862	JCJ 11C-21-692	RI
297485	WELL	PR	03/25/2009	GW	045-16863	JCJ 11B-21-692	RI
297486	WELL	PR	04/22/2009	GW	045-16864	JCJ 22D-21-692	RI
297487	WELL	PR	04/22/2009	GW	045-16865	JCJ 22B-21-692	RI
297488	WELL	PR	04/09/2009	GW	045-16866	JCJ 22A-21-692	RI
297489	WELL	PR	04/08/2009	GW	045-16867	JCJ 21D-21-692	RI
297490	WELL	PR	04/13/2009	GW	045-16868	JCJ 21C-21-692	RI

General Comment:

This is an Interim Reclamation and Stormwater focused Inspection. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. Inspection was prompted by Request from Operator for Interim Reclamation Inspection.

Inspected Facilities

Facility ID: <u>297301</u>	Type: <u>WELL</u>	API Number: <u>045-16382</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297476</u>	Type: <u>WELL</u>	API Number: <u>045-16854</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297477</u>	Type: <u>WELL</u>	API Number: <u>045-16855</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297478</u>	Type: <u>WELL</u>	API Number: <u>045-16856</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297479</u>	Type: <u>WELL</u>	API Number: <u>045-16857</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297480</u>	Type: <u>WELL</u>	API Number: <u>045-16858</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297481</u>	Type: <u>WELL</u>	API Number: <u>045-16859</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297482</u>	Type: <u>WELL</u>	API Number: <u>045-16860</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297483</u>	Type: <u>WELL</u>	API Number: <u>045-16861</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297484</u>	Type: <u>WELL</u>	API Number: <u>045-16862</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297485</u>	Type: <u>WELL</u>	API Number: <u>045-16863</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297486</u>	Type: <u>WELL</u>	API Number: <u>045-16864</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297487</u>	Type: <u>WELL</u>	API Number: <u>045-16865</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297488</u>	Type: <u>WELL</u>	API Number: <u>045-16866</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297489</u>	Type: <u>WELL</u>	API Number: <u>045-16867</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>297490</u>	Type: <u>WELL</u>	API Number: <u>045-16868</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment: Pasture

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? Pass Production areas stabilized ? Pass
 1003c. Compacted areas have been cross ripped? Pass
 1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass
 Cuttings management: _____
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In
 Production areas have been stabilized? Pass Segregated soils have been replaced? Pass

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation In

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? I

Comment Electric Fencing has been used to exclude Livestock. Emerging Vegetation appears robust & Well established. There are old stand annual weeds scattered throughout Interim areas; one area of heavy growth area around edge of facilities are becoming Debris. A few (4-5) Salt Cedar/Tamarisk , a B List Noxious Weed are establishing in North Interim area. One desiccated/old growth Knapweed plant was noted. An inspection later in the growing season when all species have emerged would be needed to determine if Site can PASS Interim Reclamation.

Corrective Action Control B List Weed, Tamarisk /Saltcedar, consulting County Vegetation Manager for control methods & timing of Controls. Clean/Remove Desiccated Annual Weeds that are becoming Debris. Refer to Photos attached for Detail.

Date 05/01/2017

Overall Interim Reclamation In Process

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
Drains	Pass					
Berms	Pass					
Seeding	Pass					
Compaction	Pass					

Comment:

Corrective Action:

Date: _____

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
680101633	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4113413