

**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:

10/27/2016

Submitted Date:

10/28/2016

Document Number:

680101209**FIELD INSPECTION FORM**
 Loc ID 425891 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num:
Operator Information:OGCC Operator Number: 10531Name of Operator: VANGUARD OPERATING LLCAddress: 5847 SAN FELIPE #3000City: HOUSTON State: TX Zip: 77057**Status Summary:**

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

Findings:8 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

| Contact Name | Phone | Email | Comment |
|----------------|--------------|--------------------|--|
| Ghan, Scott | | sghan@vnrlc.com | SR. EH&S |
| Axelson, Aaron | 970-230-0926 | aaxelson@vnrlc.com | Sr. Production Foreman |
| Pearl, Chase | | cpearl@vnrlc.com | Reclamation |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|--------------------------|-------------|
| 425907 | WELL | DG | 10/16/2011 | SI | 045-21114 | Dixon Federal 32A-23-692 | RI |
| 425908 | WELL | DG | 10/16/2011 | SI | 045-21115 | Dixon Federal 32C-23-692 | RI |
| 425909 | WELL | DG | 10/16/2011 | SI | 045-21116 | Dixon Federal 32D-23-692 | RI |
| 425911 | WELL | DG | 10/16/2011 | SI | 045-21117 | Dixon Federal 22D-23-692 | RI |
| 425915 | WELL | DG | 10/16/2011 | SI | 045-21119 | Dixon Federal 22B-23-692 | RI |
| 425916 | WELL | DG | 10/16/2011 | SI | 045-21120 | Dixon Federal 22A-23-692 | RI |
| 425918 | WELL | DG | 10/16/2011 | SI | 045-21121 | Dixon Federal 32B-23-692 | RI |
| 425921 | WELL | DG | 10/16/2011 | SI | 045-21123 | Dixon Federal 22C-23-692 | RI |

General Comment:

This is a Reclamation focused Inspection. Inspection was prompted by Variance Request Doc#401105119 submitted by Operator asking for Variance of Final Reclamation; leaving portion of Pad un-reclaimed for Land Owner use as building site. This inspection is to document conditions and compliance with Stormwater, Erosion and Noxious Weed 1004 series Rules. A Final Reclamation Inspection will be conducted if Variance is approved. Wells were P&A'd in August 2016. 6s forms have been submitted and are in Process.

Inspected Facilities

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>425907</u> | Type: <u>WELL</u> | API Number: <u>045-21114</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425908</u> | Type: <u>WELL</u> | API Number: <u>045-21115</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425909</u> | Type: <u>WELL</u> | API Number: <u>045-21116</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425911</u> | Type: <u>WELL</u> | API Number: <u>045-21117</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425915</u> | Type: <u>WELL</u> | API Number: <u>045-21119</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425916</u> | Type: <u>WELL</u> | API Number: <u>045-21120</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425918</u> | Type: <u>WELL</u> | API Number: <u>045-21121</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>425921</u> | Type: <u>WELL</u> | API Number: <u>045-21123</u> | Status: <u>DG</u> | Insp. Status: <u>RI</u> |

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? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

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

Comment Well Cellars are still in place

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment Guy Anchors not apparent

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? _____

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? _____

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 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 Location has not been shrunk in as Wells were DG. C List Noxious Weeds Halogeton, Cheat Grass & Annual Weed Kochia are present in Interim Reclamation areas and on berms, ditches. Desirable Vegetation is sparse in Fill Slope areas. Crested Wheat grass is a predominate species in Interim areas.

Corrective Action Date _____

Overall Interim Reclamation In Process

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Seeding | In Process | | | | | |
| Sediment Traps | Pass | | | | | |
| Waddles | Pass | | | | | |
| Compaction | Pass | Check Dams | Pass | | | |
| Berms | Pass | Gravel | Pass | | | |
| Ditches | Pass | Compaction | Pass | | | |
| Drains | Pass | | | | | |
| Gravel | Pass | | | | | |

Comment: One area of concern is some Rill erosion on Cut Slope; this should be remedied with Reclamation Process.

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 |
|--------------|-------------------|---|
| 680101210 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3987739 |