

FORM
INSPRev
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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:

03/08/2017

Submitted Date:

03/09/2017

Document Number:

666803011

FIELD INSPECTION FORM

Loc ID 334708 Inspector Name: Murray, Richard 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:

19 Number of Comments
0 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 |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|--------------------------|-------------|
| 290402 | WELL | PR | 10/07/2007 | GW | 045-14098 | MILLER 14D-6-791 | PR |
| 290403 | WELL | PR | 10/09/2007 | GW | 045-14097 | MILLER 14C-6-791 | PR |
| 290404 | WELL | PR | 03/03/2016 | GW | 045-14096 | MILLER 14A-6-791 | PR |
| 290405 | WELL | PR | 10/16/2007 | GW | 045-14099 | MILLER 14B-6-791 | PR |
| 296665 | WELL | PR | 01/28/2009 | GW | 045-16092 | MILLER FEDERAL 23A-6-791 | PR |
| 296667 | WELL | PR | 12/27/2008 | GW | 045-16093 | MILLER 34A-6-791 | PR |
| 296670 | WELL | PR | 12/30/2008 | GW | 045-16094 | MILLER 34B-6-791 | PR |
| 296672 | WELL | PR | 01/08/2009 | GW | 045-16095 | MILLER 34C-6-791 | PR |
| 296673 | WELL | PR | 01/06/2009 | GW | 045-16096 | MILLER 34D-6-791 | PR |
| 296674 | WELL | PR | 12/28/2008 | GW | 045-16097 | MILLER 24A-6-791 | PR |
| 296675 | WELL | PR | 01/25/2009 | GW | 045-16098 | MILLER 24B-6-791 | PR |
| 296676 | WELL | PR | 01/27/2009 | GW | 045-16099 | MILLER 24C-6-791 | PR |
| 296677 | WELL | PR | 01/31/2009 | GW | 045-16100 | MILLER 24D-6-791 | PR |

General Comment:

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:

| Type | Area | Volume | | | |
|------|------|--------|--|--|--|
| | | | | | |

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:

| Type | Area | Volume | | | corrective date |
|-----------------------------------|------------------------|--------|--|--|-----------------|
| Type: Vertical Separator | # 2 | | | | |
| Comment: | Hooked up at wellheads | | | | |
| Corrective Action: | | | | | Date: |
| Type: Pig Station | # 1 | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |
| Type: Ancillary equipment | # 3 | | | | |
| Comment: | Chemical units | | | | |
| Corrective Action: | | | | | Date: |
| Type: Horizontal Heated Separator | # 14 | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |
| Type: Horizontal Heated Separator | # 0 | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |
| Type: Plunger Lift | # 13 | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|--------------------|--|----------|-----------|---------|-----------------------|
| PRODUCED WATER | 1 | 200 BBLs | STEEL AST | | 39.470009,-107.599408 |
| Comment: | Hooked up to Bradenheads and vertical separators | | | | |
| Corrective Action: | | | | | Date: |

Paint

| | |
|------------------|----------|
| Condition | Adequate |
| Other (Content) | |
| Other (Capacity) | |

| | | | | | | |
|--------------------|------------------------|---------------------|---------------------|-------------|-----------------------|--|
| Other (Type) | | | | | | |
| Berms | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Earth | Adequate | Walls Sufficent | Base Sufficent | Adequate | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Date: | |
| Contents | # | Capacity | Type | Tank ID | SE GPS | |
| CONDENSATE | 9 | 500 BBLs | STEEL AST | | 39.469435,-107.599490 | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Date: | |
| Paint | | | | | | |
| Condition | Adequate | | | | | |
| Other (Content) | | | | | | |
| Other (Capacity) | | | | | | |
| Other (Type) | | | | | | |
| Berms | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Metal | Adequate | Walls Sufficent | Base Sufficent | Adequate | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Date: | |
| Venting: | | | | | | |
| Yes/No | YES | | | | | |
| Comment: | Bradenhead valves open | | | | | |
| Corrective Action: | | | | | Date: | |
| Flaring: | | | | | | |
| Type | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Date: | |

| Inspected Facilities | | | | | | | | | |
|-----------------------|--------------|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID: | 290402 | Type: | WELL | API Number: | 045-14098 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 290403 | Type: | WELL | API Number: | 045-14097 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 290404 | Type: | WELL | API Number: | 045-14096 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 290405 | Type: | WELL | API Number: | 045-14099 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 296665 | Type: | WELL | API Number: | 045-16092 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 296667 | Type: | WELL | API Number: | 045-16093 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 296670 | Type: | WELL | API Number: | 045-16094 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |
| Facility ID: | 296672 | Type: | WELL | API Number: | 045-16095 | Status: | PR | Insp. Status: | PR |
| Producing Well | | | | | | | | | |
| Comment: | Plunger lift | | | | | | | | |
| Corrective Action: | | | | | Date: | | | | |

| | | | | |
|------------------------------|---------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>296673</u> | Type: <u>WELL</u> | API Number: <u>045-16096</u> | Status: <u>PR</u> | Insp. Status: <u>PR</u> |
| <u>Producing Well</u> | | | | |
| Comment: | <u>Plunger lift</u> | | | |
| Corrective Action: | | | Date: | |
| Facility ID: <u>296674</u> | Type: <u>WELL</u> | API Number: <u>045-16097</u> | Status: <u>PR</u> | Insp. Status: <u>PR</u> |
| <u>Producing Well</u> | | | | |
| Comment: | <u>Plunger lift</u> | | | |
| Corrective Action: | | | Date: | |
| Facility ID: <u>296675</u> | Type: <u>WELL</u> | API Number: <u>045-16098</u> | Status: <u>PR</u> | Insp. Status: <u>PR</u> |
| <u>Producing Well</u> | | | | |
| Comment: | <u>Plunger lift</u> | | | |
| Corrective Action: | | | Date: | |
| Facility ID: <u>296676</u> | Type: <u>WELL</u> | API Number: <u>045-16099</u> | Status: <u>PR</u> | Insp. Status: <u>PR</u> |
| <u>Producing Well</u> | | | | |
| Comment: | <u>Plunger lift</u> | | | |
| Corrective Action: | | | Date: | |
| Facility ID: <u>296677</u> | Type: <u>WELL</u> | API Number: <u>045-16100</u> | Status: <u>PR</u> | Insp. Status: <u>PR</u> |
| <u>Producing Well</u> | | | | |
| Comment: | <u>Plunger lift</u> | | | |
| Corrective Action: | | | Date: | |

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

Storm Water:

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Ditches | Pass | | | | | |
| Berms | Pass | | | | | |
| | | Culverts | Pass | | | |
| | | Ditches | Pass | | | |
| Rip Rap | Pass | | | | | |
| | | Sediment Traps | Pass | | | |
| Sediment Traps | 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 |
|--------------|----------------------|---|
| 401229426 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4094409 |