

**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:

09/16/2019

Submitted Date:

09/16/2019

Document Number:

694900401

**FIELD INSPECTION FORM**

|   |                                  |   |                   |   |
|---|----------------------------------|---|-------------------|---|
| Loc ID<br>413567  | Inspector Name:<br>Ramsey, Scott | On-Site Inspection <input type="checkbox"/> | 2A Doc Num: _____ | <b>Status Summary:</b><br><input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION<br><input type="checkbox"/> FOLLOW UP INSPECTION REQUIRED<br><input checked="" type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED<br><br><b>Findings:</b><br>24 Number of Comments<br>0 Number of Corrective Actions<br><input type="checkbox"/> Corrective Action Response Requested |
| <b>Operator Information:</b><br>OGCC Operator Number: 10531<br>Name of Operator: VANGUARD OPERATING LLC<br>Address: 5847 SAN FELIPE #3000<br>City: HOUSTON State: TX Zip: 77057 |                                  |   |                   | <b>ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE</b>   |

**Contact Information:**

| Contact Name | Phone | Email                  | Comment  |
|--------------|-------|------------------------|----------|
| , vanguard   |       | aaxelson@vnrenergy.com |          |
| , vanguard   |       | sgshan@vnrenergy.com   | SR. EH&S |
| , vanguard   |       | scollett@vnrenergy.com |          |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name    | Insp Status |
|-------------|------|--------|-------------|------------|-----------|------------------|-------------|
| 412774      | WELL | PR     | 06/24/2010  | GW         | 045-18595 | THARP 41D-23-692 | PR          |
| 412775      | WELL | PR     | 07/13/2010  | GW         | 045-18596 | THARP 44C-14-692 | PR          |
| 412776      | WELL | PR     | 06/14/2010  | GW         | 045-18597 | THARP 44B-14-692 | PR          |
| 412777      | WELL | PR     | 07/26/2010  | GW         | 045-18598 | THARP 44A-14-692 | PR          |
| 412778      | WELL | PR     | 02/01/2016  | GW         | 045-18599 | THARP 44D-14-692 | PR          |
| 412779      | WELL | PR     | 06/14/2010  | GW         | 045-18600 | THARP 11A-24-692 | PR          |
| 412780      | WELL | PR     | 06/01/2010  | GW         | 045-18601 | THARP 11B-24-692 | PR          |
| 412781      | WELL | PR     | 06/01/2010  | GW         | 045-18602 | THARP 11C-24-692 | PR          |
| 412782      | WELL | PR     | 06/01/2010  | GW         | 045-18603 | THARP 11D-24-692 | PR          |
| 412783      | WELL | PR     | 07/26/2010  | GW         | 045-18604 | THARP 14A-13-692 | PR          |
| 412784      | WELL | PR     | 07/26/2010  | GW         | 045-18605 | THARP 14B-13-692 | PR          |
| 412785      | WELL | PR     | 07/26/2010  | GW         | 045-18606 | THARP 14C-13-692 | PR          |
| 412786      | WELL | PR     | 07/13/2010  | GW         | 045-18607 | THARP 14D-13-692 | PR          |
| 412787      | WELL | PR     | 06/14/2010  | GW         | 045-18608 | THARP 41A-23-692 | PR          |
| 412788      | WELL | PR     | 06/14/2010  | GW         | 045-18609 | THARP 41B-23-692 | PR          |
| 412789      | WELL | PR     | 06/24/2010  | GW         | 045-18610 | THARP 41C-23-692 | PR          |

**General Comment:**

COGCC Inspection Report Summary

On Monday 9/16/19 at approximately 10:45 AM, I, Inspector Scott Ramsey, conducted a routine inspection at Vanguard Tharp, at Location # 413567 in Garfield County, Colorado.

While there, I observed normal production operations.

This is a summary of inspection report.

**Location****Lease Road:**

|                   |      |       |  |
|-------------------|------|-------|--|
| Type              | Main |       |  |
| comment:          |      |       |  |
| Corrective Action | L    | Date: |  |

Overall Good: ☒**Emergency Contact Number:**

|                    |     |       |  |
|--------------------|-----|-------|--|
| Comment:           | 911 | Date: |  |
| Corrective Action: |     |       |  |

**Good Housekeeping:**

|                    |        |       |  |
|--------------------|--------|-------|--|
| Type               | DEBRIS |       |  |
| Comment:           |        |       |  |
| Corrective Action: |        | Date: |  |

Overall Good: ☒**Spills:**

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

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

|                    |                 |       |  |
|--------------------|-----------------|-------|--|
| Type               | WELLHEAD        |       |  |
| Comment:           | livestock fence |       |  |
| Corrective Action: |                 | Date: |  |
| Type               | SEPARATOR       |       |  |
| Comment:           | hog panel       |       |  |
| Corrective Action: |                 | Date: |  |

**Equipment:**

|                                   |                              |       |                 |
|-----------------------------------|------------------------------|-------|-----------------|
| Type: Bird Protectors             | # 13                         |       | corrective date |
| Comment:                          |                              |       |                 |
| Corrective Action:                |                              | Date: |                 |
| Type: Horizontal Heated Separator | # 16                         |       |                 |
| Comment:                          |                              |       |                 |
| Corrective Action:                |                              | Date: |                 |
| Type: Plunger Lift                | # 16                         |       |                 |
| Comment:                          |                              |       |                 |
| Corrective Action:                |                              | Date: |                 |
| Type: Ancillary equipment         | # 4                          |       |                 |
| Comment:                          | chemical tanks at well heads |       |                 |
| Corrective Action:                |                              | Date: |                 |

|                               |     |  |       |
|-------------------------------|-----|--|-------|
| Type: Emission Control Device | # 1 |  |       |
| Comment:                      |     |  |       |
| Corrective Action:            |     |  | Date: |

**Tanks and Berms:**

|                    |                          |          |                  |         |        |  |
|--------------------|--------------------------|----------|------------------|---------|--------|--|
| Contents           | #                        | Capacity | Type             | Tank ID | SE GPS |  |
| CONDENSATE         | 6                        | 500 BBLs | HEATED STEEL AST |         | ,      |  |
| Comment:           | two tanks are not heated |          |                  |         |        |  |
| 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:           | braden heads are open |  |       |
| Corrective Action: |                       |  | Date: |

**Flaring:**

|                    |                   |       |
|--------------------|-------------------|-------|
| Type               | Ignitor/Combustor |       |
| Comment:           |                   |       |
| Corrective Action: |                   | Date: |

| Inspected Facilities  |           |       |      |             |           |         |    |               |    |
|-----------------------|-----------|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:          | 412774    | Type: | WELL | API Number: | 045-18595 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412775    | Type: | WELL | API Number: | 045-18596 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412776    | Type: | WELL | API Number: | 045-18597 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412777    | Type: | WELL | API Number: | 045-18598 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412778    | Type: | WELL | API Number: | 045-18599 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412779    | Type: | WELL | API Number: | 045-18600 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412780    | Type: | WELL | API Number: | 045-18601 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |
| Facility ID:          | 412781    | Type: | WELL | API Number: | 045-18602 | Status: | PR | Insp. Status: | PR |
| <b>Producing Well</b> |           |       |      |             |           |         |    |               |    |
| Comment:              | producing |       |      |             |           |         |    |               |    |
| Corrective Action:    |           |       |      |             |           | Date:   |    |               |    |

|                              |           |       |      |             |           |         |    |               |    |
|------------------------------|-----------|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:                 | 412782    | Type: | WELL | API Number: | 045-18603 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412783    | Type: | WELL | API Number: | 045-18604 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412784    | Type: | WELL | API Number: | 045-18605 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412785    | Type: | WELL | API Number: | 045-18606 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412786    | Type: | WELL | API Number: | 045-18607 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412787    | Type: | WELL | API Number: | 045-18608 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412788    | Type: | WELL | API Number: | 045-18609 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |
|                              |           |       |      |             |           |         |    |               |    |
| Facility ID:                 | 412789    | Type: | WELL | API Number: | 045-18610 | Status: | PR | Insp. Status: | PR |
| <b><u>Producing Well</u></b> |           |       |      |             |           |         |    |               |    |
| Comment:                     | producing |       |      |             |           |         |    |               |    |
| Corrective Action:           |           |       |      |             |           | Date:   |    |               |    |

|  |
|--|
|  |
|--|

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

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Berms            |                 | Compaction              |                       |               |                          |         |
|                  |                 | Gravel                  |                       |               |                          |         |

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   |
|--------------|-------------|---|
| 694900408    | 694900401   | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4938826">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4938826</a> |