

**FORM  
INSP**Rev  
05/11**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

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Inspection Date:  
07/16/2015Document Number:  
666801146Overall Inspection:  
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	416025	415310	Murray, Richard	<input type="checkbox"/>	

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

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Ghan, Scott		sghan@vnrlc.com	Sr. EH&S
Axelsson, Aaron	970-230-0926	aaxelson@vnrlc.com	Sr. Production Foreman

**Compliance Summary:**QtrQtr: SENW Sec: 28 Twp: 6S Range: 91W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
416018	WELL	PR	01/27/2011	GW	045-19204	GGU FEDERAL 23B-28-691	PR	<input checked="" type="checkbox"/>
416024	WELL	PR	02/23/2011	GW	045-19205	GGU FEDERAL 12C-28-691	PR	<input checked="" type="checkbox"/>
416025	WELL	PR	11/19/2010	GW	045-19206	GGU FEDERAL 22B-28-691	PR	<input checked="" type="checkbox"/>
416026	WELL	PR	01/27/2011	GW	045-19207	GGU FEDERAL 23C-28-691	PR	<input checked="" type="checkbox"/>
416028	WELL	PR	01/27/2011	GW	045-19208	GGU FEDERAL 23D-28-691	PR	<input checked="" type="checkbox"/>
416030	WELL	PR	02/23/2011	GW	045-19209	GGU FEDERAL 13B-28-691	PR	<input checked="" type="checkbox"/>
416031	WELL	PR	02/23/2011	GW	045-19210	GGU FEDERAL 13D-28-691	PR	<input checked="" type="checkbox"/>
416033	WELL	PR	02/23/2011	GW	045-19211	GGU FEDERAL 12D-28-691	PR	<input checked="" type="checkbox"/>
416036	WELL	PR	11/19/2010	GW	045-19212	GGU FEDERAL 33C-28-691	PR	<input checked="" type="checkbox"/>
416038	WELL	PR	11/23/2010	GW	045-19213	GGU FEDERAL 22C-28-691	PR	<input checked="" type="checkbox"/>
416040	WELL	PR	11/19/2010	GW	045-19214	GGU FEDERAL 22D-28-691	PR	<input checked="" type="checkbox"/>

Inspector Name: Murray, Richard

416045	WELL	PR	01/27/2011	GW	045-19215	GGU FEDERAL 22A-28-691	PR	<input checked="" type="checkbox"/>
416046	WELL	PR	11/19/2010	GW	045-19216	GGU FEDERAL 33D-28-691	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>13</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>4</u>	Separators: <u>13</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: <u>2</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Equipment:**

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Ancillary equipment	5	SATISFACTORY			
Plunger Lift	13	SATISFACTORY			
Horizontal Heated Separator	13	SATISFACTORY			

**Venting:**

Yes/No	Comment
YES	Bradenhead valves open

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**Location ID: 416025**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
Agency	kubeczkod	Location is in a sensitive area due to shallow groundwater; therefore, either a lined drilling pit or closed loop system must be implemented.	01/13/2010

Agency	kubeczkod	Location is in a sensitive area because of shallow groundwater; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at tank pad site during operations.	01/13/2010
Agency	kubeczkod	Operator must implement best management practices to contain any unintentional release of fluids.	01/13/2010

**S/A/V:** SATISFACTORY**Comment:**

COAs in place

**CA:****Date:****Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>STORM WATER BEST MANAGEMENT PRACTICES</p> <p>BILL BARRETT CORPORATION</p> <p>GENERAL BMPs</p> <ul style="list-style-type: none"> <li>• Utilize diking and other forms of containment and diversions around tanks, drums, chemicals, liquids, pits, and impoundments.</li> <li>• Use drip pans, sumps, or liners where appropriate.</li> <li>• Limit the amount of land disturbed during construction of pad, access road, and facilities.</li> <li>• Employ spill response plan for all facilities.</li> <li>• Dispose properly offsite any wastes, fluids and other materials.</li> </ul> <p>MATERIAL HANDLING ACTIVITIES, PRACTICES AND STORM WATER</p> <p>* Secondary containment of tanks, drums, and storage areas is mandatory to prohibit discharges to surface waters. A minimum of 110% capacity required of largest storage within containment area.</p> <p>* Material handling and spill prevention procedures and practices will be followed to prohibit discharges to surface waters.</p> <p>* Proper loading, unloading and transportation procedures to be followed for all materials to and from location.</p> <p>EROSION CONTROL</p> <ul style="list-style-type: none"> <li>• Pad and access road to be designed to minimize erosion.</li> </ul> <p>* Pad and access road to implement appropriate erosion control devices where necessary to minimize erosion.</p> <p>* Routine inspections of sites and controls to be implemented with additions, repairs, and optimization to occur as necessary to minimize erosion.</p> <p>SELF INSPECTION, MAINTANENCE, AND HOUSEKEEPING</p> <ul style="list-style-type: none"> <li>• All employees are trained in spill response, good housekeeping, material management practices, and procedures for equipment and container washing at least once per year.</li> <li>• Conduct internal storm water inspections at least semi - annually and within 24 hours of a heavy</li> </ul>

rain event.

- Conduct routine inspections of all tanks and storage facilities at least weekly.
- All containment areas are to be inspected weekly or following a heavy rain event. Any excessive precipitation accumulation within containment should be removed and disposed of properly.
- All structural berms, dikes, and containment will be inspected periodically to ensure they are operating correctly.
- Minimum of an annual storm water BMP inspection and outcome report documenting status, including repairs.

#### SPILL RESPONSE

- Follow spill response procedures.
- If spill occurs:
  - Safely stop the source of the spill immediately.
  - Contain the spill until clean -up is complete.
  - Cover spill with appropriate absorbent material.
  - Keep the area well ventilated.
  - Dispose of clean -up materials properly.
  - Do not use emulsifier or dispersant. , .

#### VEHICLE & LOCATION PROCEDURES

- Vehicles entering location are to be free of chemical, oil, mud, weeds, trash, and debris.
- Location to be treated to kill weeds and bladed when necessary.

Bill Barrett Corp — CDPHE Stormwater Permit Number: COR- 039752

**S/A/V:** SATISFACTORY

**Comment:**

BMPs in place

**CA:**

**Date:**

**Stormwater:**

**Comment:**

**Staking:**

**On Site Inspection (305):**

**Surface Owner Contact Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

**Operator Rep. Contact Information:**

Landman Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_

Date of Rule 306 Consultation: \_\_\_\_\_

Inspector Name: Murray, Richard

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Facility**

Facility ID: 416018 Type: WELL API Number: 045-19204 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416024 Type: WELL API Number: 045-19205 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416025 Type: WELL API Number: 045-19206 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416026 Type: WELL API Number: 045-19207 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416028 Type: WELL API Number: 045-19208 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416030 Type: WELL API Number: 045-19209 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416031 Type: WELL API Number: 045-19210 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416033 Type: WELL API Number: 045-19211 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416036 Type: WELL API Number: 045-19212 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416038 Type: WELL API Number: 045-19213 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416040 Type: WELL API Number: 045-19214 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416045 Type: WELL API Number: 045-19215 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 416046 Type: WELL API Number: 045-19216 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

Lat \_\_\_\_\_ Long \_\_\_\_\_

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

1003a. Debris removed? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? In CM Landfarm by separators

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA 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? \_\_\_\_\_

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 REVEGETATION

##### Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

##### Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

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 \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location ☐ Multi-Well Location ☐

Inspector Name: Murray, Richard

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
		Ditches	Pass			
		Sediment Traps	Pass			
		Check Dams	Pass			
Ditches	Pass					
Slope Roughening	Pass					
		Culverts	Pass			
Seeding	Pass					
Berms	Pass					
		Rip Rap	Pass			
		Gravel	Pass			

S/A/V: SATISFACTOR  
Y

Corrective Date: \_\_\_\_\_

Comment:

CA:

**Pits:** ☒ NO SURFACE INDICATION OF PIT