

**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:
07/23/2015Document Number:
666801187Overall Inspection:
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	415055	414522	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
Axelson, Aaron	970-230-0926	aaxelson@vnrlc.com	Sr. Production Foreman
Ghan, Scott		sghan@vnrlc.com	Sr. EH&S

Compliance Summary:QtrQtr: NENW Sec: 20 Twp: 6S Range: 91W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
415055	WELL	PR	12/09/2014	GW	045-18949	JOLLEY 21A-20-691	PR	<input checked="" type="checkbox"/>
415056	WELL	PR	08/26/2010	GW	045-18950	JOLLEY FED 11A-20-691	PR	<input checked="" type="checkbox"/>
415057	WELL	PR	10/05/2010	GW	045-18951	JOLLEY FED 11C-20-691	PR	<input checked="" type="checkbox"/>
415064	WELL	PR	09/02/2010	GW	045-18952	JOLLEY FED 22B-20-691	PR	<input checked="" type="checkbox"/>
415069	WELL	PR	08/14/2010	GW	045-18953	JOLLEY FED 12D-20-691	PR	<input checked="" type="checkbox"/>
415072	WELL	PR	09/02/2010	GW	045-18954	JOLLEY FED 12A-20-691	PR	<input checked="" type="checkbox"/>
415073	WELL	PR	09/02/2010	GW	045-18955	JOLLEY FED 12B-20-691	PR	<input checked="" type="checkbox"/>
415075	WELL	PR	10/05/2010	GW	045-18956	JOLLEY 21D-20-691	PR	<input checked="" type="checkbox"/>
415076	WELL	PR	10/05/2010	GW	045-18957	JOLLEY FED 11D-20-691	PR	<input checked="" type="checkbox"/>
415084	WELL	PR	08/12/2010	GW	045-18958	JOLLEY FED 12C-20-691	TA	<input checked="" type="checkbox"/>
415085	WELL	PR	08/14/2010	GW	045-18959	JOLLEY FED 11B-20-691	PR	<input checked="" type="checkbox"/>

Inspector Name: Murray, Richard

415086	WELL	PR	07/21/2010	GW	045-18960	JOLLEY 21B-20-691	PR	<input checked="" type="checkbox"/>
415087	WELL	PR	09/02/2010	GW	045-18961	JOLLEY FED 22A-20-691	PR	<input checked="" type="checkbox"/>
415090	WELL	PR	10/05/2010	GW	045-18962	JOLLEY 21C-20-691	PR	<input checked="" type="checkbox"/>
415091	WELL	PR	07/21/2010	GW	045-18963	JOLLEY FED 22C-20-691	PR	<input checked="" type="checkbox"/>
415092	WELL	PR	08/27/2010	GW	045-18964	JOLLEY FED 22D-20-691	PR	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>16</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>4</u>	Separators: <u>16</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	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**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
CONTAINERS	SATISFACTORY			

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

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
OTHER	SATISFACTORY	Workover rig and components on location		

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
Emission Control Device	1	SATISFACTORY			
Plunger Lift	16	SATISFACTORY			
Ancillary equipment	5	SATISFACTORY	Chemical units at wellhead		
Dehydrator	0	SATISFACTORY			
Horizontal Heated Separator	16	SATISFACTORY			

Pig Station	1	SATISFACTORY			
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Venting:	
Yes/No	Comment
YES	Bradenhead valves open

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 415055

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:**S/A/V:** _____ **Comment:** _____**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"> • Utilize diking and other forms of containment and diversions around tanks, drums, chemicals, liquids, pits, and impoundments. • Use drip pans, sumps, or liners where appropriate. • Limit the amount of land disturbed during construction of pad, access road, and facilities. • Employ spill response plan for all facilities. • Dispose properly offsite any wastes, fluids and other materials. <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> <p>Pad and access road to be designed to minimize erosion.</p> <p>Pad and access road to implement appropriate erosion control devices where necessary to minimize erosion.</p>

Routine inspections of sites and controls to be implemented with additions, repairs, and optimization to occur as necessary to minimize erosion.

SELF INSPECTION, MAINTANENCE, AND HOUSEKEEPING

- All employees are trained in spill response, good housekeeping, material management practices, and procedures for equipment and container washing at least once per year.
- Conduct internal storm water inspections at least semi - annually and within 24 hours of a heavy 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 document 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: _____

Inspector Name: Murray, Richard

Operator Rep. Contact Information:

Landman Name: _____

Phone Number: _____

Date Onsite Request Received: _____

Date of Rule 306 Consultation: _____

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: 415055 Type: WELL API Number: 045-18949 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415056 Type: WELL API Number: 045-18950 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415057 Type: WELL API Number: 045-18951 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415064 Type: WELL API Number: 045-18952 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415069 Type: WELL API Number: 045-18953 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415072 Type: WELL API Number: 045-18954 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415073 Type: WELL API Number: 045-18955 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415075 Type: WELL API Number: 045-18956 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Inspector Name: Murray, Richard

Facility ID: 415076 Type: WELL API Number: 045-18957 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415084 Type: WELL API Number: 045-18958 Status: PR Insp. Status: TA

Workover

Comment: Piceance Rig 66 on location to swap out tubing

Facility ID: 415085 Type: WELL API Number: 045-18959 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415086 Type: WELL API Number: 045-18960 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415087 Type: WELL API Number: 045-18961 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415090 Type: WELL API Number: 045-18962 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415091 Type: WELL API Number: 045-18963 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 415092 Type: WELL API Number: 045-18964 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:

DWR Receipt Num: _____ Owner Name: _____ GPS : _____ Lat _____ Long _____

Field Parameters:

Sample Location: _____

Inspector Name: Murray, Richard

Emission Control Burner (ECB): Y

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: RANGELAND

Comment:

1003a. Debris removed? Pass CM CA Date
Waste Material Onsite? Pass CM CA Date
Unused or unneeded equipment onsite? Pass CM CA Date
Pit, cellars, rat holes and other bores closed? Pass CM CA Date
Guy line anchors removed? CM CA Date
Guy line anchors marked? Pass CM 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:

Inspector Name: Murray, Richard

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 ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
		Check Dams	Pass			
		Culverts	Pass			
Waddles	Pass					
		Ditches	Pass			
Seeding	Pass					
		Gravel	Pass			
Berms	Pass					

S/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT