

**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

Inspection Date:

05/25/2016

Document Number:

666802198

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	280348	335437	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: NWNE Sec: 27 Twp: 6S Range: 92W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/10/2015	666801057	PR	PR	SATISFACTORY			No
05/20/2013	670200469	PR	PR	SATISFACTORY	F		No
04/20/2011	200309950	PR	PR	SATISFACTORY			Yes
05/05/2009	200212627	PR	PR	SATISFACTORY			No
11/19/2007	200123245	CO	PR	SATISFACTORY	I		No
06/14/2006	200097784	CO	PR	SATISFACTORY		Pass	No
03/08/2006	200088742	PR	WO	SATISFACTORY		Pass	No
11/29/2005	200085872	PR	PR	ACTION REQUIRED		Pass	No

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
280348	WELL	PR	04/29/2006	GW	045-11239	STRANAHAN 31C-27-692	PR	<input checked="" type="checkbox"/>
280349	WELL	PR	04/30/2006	GW	045-11240	STRANAHAN 31A-27-692	PR	<input checked="" type="checkbox"/>
280350	WELL	PR	12/10/2008	GW	045-11241	STRANAHAN 41A-27-692	PR	<input checked="" type="checkbox"/>
280351	WELL	PR	05/01/2006	GW	045-11242	STRANAHAN 41C-27-692	PR	<input checked="" type="checkbox"/>

**Equipment:****Location Inventory**

Inspector Name: Murray, Richard

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

### Location

#### Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

#### Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY	AIRS ID 045-1199-001		
CONTAINERS	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY

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

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

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

#### Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

#### Spills:

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

#### Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

#### Equipment:

Type: Ancillary equipment	# 2	Satisfactory/Action Required: SATISFACTORY
Comment	Chemical unit at welhead	
Corrective Action	Date:	
Type: Emission Control Device	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action	Date:	
Type: Horizontal Heated Separator	# 4	Satisfactory/Action Required: SATISFACTORY
Comment		

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Corrective Action				Date:
Type: Plunger Lift	# 4	Satisfactory/Action Required: SATISFACTORY		
Comment				
Corrective Action				Date:

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
OTHER	0			

S/AR	SATISFACTORY	Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action				Corrective Date
Comment				

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	200 BBLS	STEEL AST	39.503649,-107.649810

S/AR	SATISFACTORY	Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action				Corrective Date
Comment				

**Venting:**

Yes/No	YES
Comment	Bradenhead valves open

**Flaring:**

Type				Satisfactory/Action Required
Comment:				

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Corrective Action:

Correct Action  
Date:

### **Predrill**

Location ID: 280348

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

**S/AR:** \_\_\_\_\_

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

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

CDP Num.: \_\_\_\_\_

### **Form 2A COAs:**

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

### **Wildlife BMPs:**

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**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: \_\_\_\_\_

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: 280348 Type: WELL API Number: 045-11239 Status: PR Insp. Status: PR

#### **Producing Well**

Comment: Plunger lift

Facility ID: 280349 Type: WELL API Number: 045-11240 Status: PR Insp. Status: PR

#### **Producing Well**

Comment: Plunger lift

Facility ID: 280350 Type: WELL API Number: 045-11241 Status: PR Insp. Status: PR

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**Producing Well**

Comment: **Plunger lift**

Facility ID: 280351 Type: WELL API Number: 045-11242 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: \_\_\_\_\_

<b>Complaint:</b>				
Tracking Num	Category	Assigned To	Description	Incident Date
200080570	ODOR	Krabacher, Jay	<p>SEE FORM 18 (APPROVED) DOC # 200076851. MS. B CALLED ON ODORS/FUMES FROM AREA WELLS -- ESPECIALLY THE LOUTHAN AND FERGUSON PADS. NOAVS ISSUED ON THOSE RE: CONDENSATE REMOVAL AND FLUID LEVEL NOT LEAVING 2' OF FREEBOARD. 11/19 MS. B CALLED RE: ODOR FROM THE STRANAHAN PAD. JK RETURNED CALL 11/21 &amp; VISITED STRANAHAN LOC 11/29. NOTED &lt; 2' FREEBOARD AT STRANAHAN AND LOUTHAN AND EPPERLY (BEING DRILLED) PADS. SENT LETTER TO NEW PICEANCE PROJECT MANAGER (CHRIS HANSEN) ABOUT THESE -- "NEXT TIME THE COGCC WILL ISSUE NOAV". FLOW-TESTER AT LOUTHAN STARTED LOWERING PIT FLUID LEVEL IMMEDIATELY -- MUCH LOWER LATER IN THE DAY. ONI ALSO ASKED ABOUT THE "STUFF" ON LOUTHAN PIT SURFACE. J K CALLED BOB CHESSON AND RECEIVED THE "GUAR GUM TUTORIAL" WHICH HE RELAYED TO MS. B. --&gt; THE STUFF ON PIT SURFACES IS MOSTLY ENVIRONMENTALLY BENIGN, THO' SOMETIMES ODIFEROUS -- GUAR GUM FOR INCREASING DOWNHOLE FRAC PRESSURE AND TO HELP 'CARRY' THE SAND. ALSO ENZYME TO BREAK-DOWN THE GUAR. SEEING AS HOW THE WEATHER'S COLD, THE BREAKING DOWN HAS BEEN SLOWED. 12/5 MS. B LEFT MESSAGE: A "DIFFERENT" SORT OF STENCH, STILL "VERY BAD". 12/6 CALLED RE: ODOR, THE "BENZENE SMELL". J K CALLED KEN KUHN WHO HAD BEEN CALLED BY MS. B -- SAID HE HAD HIS PUMPER AND OTHER FIELD CREW ON THE ALERT FOR ANYTHING UNUSUAL. KEN SAID THAT THERE WAS NOTHING OUT OF THE ORDINARY GOING ON IN THE O B VICINITY. MS. B CALLED 12:30 PM AND WAS VERY UPSET. POB 347 SILT 81652. SHE FELT THAT THE GAS CO. IS TRAMPLING OVER ALL PROPERTY OWNERS IN THE AREA AND THERE WAS NOTHING THAT COULD BE DONE ABOUT IT. THE PRISTINENESS OF THE CANYON/VALLEY SHE OWNS IS COMPROMISED. NO-ONE IS EXPRESSING INTEREST IN HER PROPERTY FOR SALE. HOWEVER, SHE DID ASK THAT I TRY TO PROCURE (EITHER FROM OPR OR GAR CO) FULL-TIME AIR-MONITORING EQUIPMENT (OUTSIDE) AND AN AIR-POLLUTION CONTROL DEVICE FOR THE INSIDE. RECOMMENDED A COUPLE OUTLETS AND BRANDS (IN RIFLE: "MOUNTAIN AIR" AND THE AERUS BRAND). PERHAPS THE AERUS SILENT HEPA FILTER SYSTEM. J K LEFT MESSAGE WITH TROY SCHINDLER AND JIM FELTON REGARDING THIS. 12/29 PM: MESSAGE LEFT: STRONG ODOR IN A.M. AND ALSO AT ABOUT 4:30 PM. "ENCANA USES CLOSED EVAP PITS &amp; SEPARATORS" -- WHY DOESN'T BBC DO THE SAME? J K LEFT MSG ~ 630 PM. TALKED W/KEN KUHN 12/30: KEN SAID THAT BBC HAS NEW CMPLTNS SUPERVISOR: BILL KELLY (307) 360-6266. 2/1/06: J K HAS BEEN 'TOURING' CHIPPERFIELD AREA APPROX ONCE / WEEK (LATEST: 1/30/06). BOTH LOUTHAN AND FERGUSON PITS RECLAIMED / LOC'S CONTOURED. NO NEW WELLS IN IMMEDIATE VICINITY FOR NOW.</p>	12/06/2005

Emission Control Burner (ECB): Y

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

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

### Reclamation - Storm Water - Pit

#### Interim Reclamation:

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

Land Use: \_\_\_\_\_

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

1003a. Waste and Debris removed? Pass

CM \_\_\_\_\_

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 marked? \_\_\_\_\_

CM \_\_\_\_\_

CA \_\_\_\_\_

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

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

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ 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: \_\_\_\_\_

Reminder: \_\_\_\_\_

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

Well plugged \_\_\_\_\_

Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_

No disturbance /Location never built \_\_\_\_\_

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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:	<input type="text"/>		
Corrective Action:	<input type="text"/>	Date _____	
Overall Final Reclamation _____	Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>	

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Seeding	Pass					
Sediment Traps	Pass					
		Waddles	Pass			
		Ditches	Pass			
Berms	Pass					
Rip Rap	Pass					
		Gravel	Pass			
Ditches	Pass					
		Culverts	Pass			

S/A/V: SATISFACTOR  
Y Corrective Date: \_\_\_\_\_

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT