

**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:  
06/10/2015Document Number:  
666801057Overall 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)
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:**Action required items noted in previous inspection have been satisfied**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

#### Signs/Marker:

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

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
Horizontal Heated Separator	4	SATISFACTORY			
Plunger Lift	4	SATISFACTORY			
Emission Control Device	1	SATISFACTORY			

#### Venting:

Yes/No	Comment
YES	Bradenhead valves open

#### Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 280348

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

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

**Producing Well**

Comment: Plunger lift

Inspector Name: Murray, Richard

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: \_\_\_\_\_

Inspector Name: Murray, Richard

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. Debris removed? Pass CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Waste Material Onsite? 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 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: \_\_\_\_\_

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

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

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

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

Inspector Name: Murray, Richard

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
		Rip Rap	Pass			
Seeding	Pass					
Rip Rap	Pass					
Ditches	Pass					
		Culverts	Pass			
		Waddles	Pass			
		Ditches	Pass			

S/A/V: SATISFACTOR

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

Y

Comment:

CA:

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