

**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

DE	ET	OE	ES
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Inspection Date:

03/12/2015

Document Number:

666800759

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	280351	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)
04/20/2011	200309944	PR	PR	SATISFACTORY			Yes
05/05/2009	200212624	PR	PR	SATISFACTORY			No
11/19/2007	200123244	CO	PR	SATISFACTORY	I		No
03/08/2006	200088744	PR	WO	SATISFACTORY		Pass	No
01/17/2006	200088253	DG	DG	SATISFACTORY		Pass	No
11/29/2005	200085871	PR	WO	ACTION REQUIRED		Fail	Yes

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

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
Plunger Lift	4	SATISFACTORY			
Horizontal Heated Separator	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: 280351

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:

Complaint:				
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 & VISITED STRANAHAN LOC 11/29. NOTED < 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. --> 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 & 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
		Culverts	Fail			Sediment
Ditches	Pass					
Seeding	Pass					
Rip Rap	Pass					
		Ditches	Pass			
		Waddles	Pass			
		Rip Rap	Pass			

S/A/V: **ACTION REQUIRED** Corrective Date: **04/04/2015**

Comment: **Culvert has sediment in it**
CA: **Clean out culvert**

Pits: ☒ NO SURFACE INDICATION OF PIT

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/webblink/>) and search by document number:

Document Num	Description	URL
666800771	Stranhan 41c-27-692	http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3568517

ACTION REQUIRED

ANY ACTION REQUIRED items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)