

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:
	<u>280348</u>	<u>335437</u>	<u>Murray, Richard</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10531</u>
Name of Operator:	<u>VANGUARD OPERATING LLC</u>
Address:	<u>5847 SAN FELIPE #3000</u>
City:	<u>HOUSTON</u> State: <u>TX</u> Zip: <u>77057</u>

- 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

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

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		

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	
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
Other (Content)	_____
Other (Capacity)	_____
Other (Type)	_____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Venting:

Yes/No	YES
Comment	Bradenhead valves open

Flaring:

Type	Satisfactory/Action Required		
Comment:			

Corrective Action: _____	Correct Action Date: _____
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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: _____

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: <u>280348</u>	Type: <u>WELL</u>	API Number: <u>045-11239</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>280349</u>	Type: <u>WELL</u>	API Number: <u>045-11240</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>280350</u>	Type: <u>WELL</u>	API Number: <u>045-11241</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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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:

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

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: _____

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 _____

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
Seeding	Pass					
Sediment Traps	Pass					
		Waddles	Pass			
		Ditches	Pass			
Berms	Pass					
Rip Rap	Pass					
		Gravel	Pass			
Ditches	Pass					
		Culverts	Pass			

S/A/V: SATISFACTOR Corrective Date: _____
 Y

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
666802198	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3864702