

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to
appropriate NMOCDD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator COG Operating, LLC Telephone: (432) 685-4340 e-mail address: PEdwards@conchoresources.com
Address: 550 West Texas Ave., Suite 1300, Midland, Texas 79701
Facility or well name: Holder CB Federal #9 API #: 30-015-35273 U/L or Qtr/Qtr D Sec H T-17-S R-30-E
County: Eddy Latitude 32.839361N Longitude 103.001730W NAD: 1927 N 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Pit Volume 3,000 bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water) 100'	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 0 100 feet or more (0 points)
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) 0
Ranking Score (Total Points) 0	

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations

Additional Comments: _____
Closed by trench burial, procedure attached, on 12-21-2007, on verbal approval by Gerry Guye
Lab and field sample results are attached.
Materials with elevated chloride levels above 250 mg/Kg were removed and a second lined burial trench constructed in the center section.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCDD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 12-28-07

Printed Name/Title Gary Miller, Agent

Signature 

Your certification and NMOCDD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval,

Printed Name/Title _____

Signature _____

Accepted for record
NMOCDD

Date: _____

DEC 31 2007

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number:

Client:

Well Name

API#

Depth of Pit

Depth to

Groundwater

POB Oper

Holder CB Fed #9

30-015 35273

10'

Orientation of pit N S E W

All pit sample depths are below pit bottom (BPB)

Sample Location	Depth (BPB)	Field Chloride Results (mg/Kg)	Lab Chloride Results (mg/Kg)
NE	2	940	
	5	920	
	10	100 1160	
	15	550	<100
NW	2	440	
	5	360	
	10	340	
	15	140	<100
Center	2	8000	
	5	5760	
	10	6080	
	15	720	
	20	380	144
SE	2	100	182
SW	2	16000	
	5	3480	
	10	7520	
	15	1120	
	20	180	172

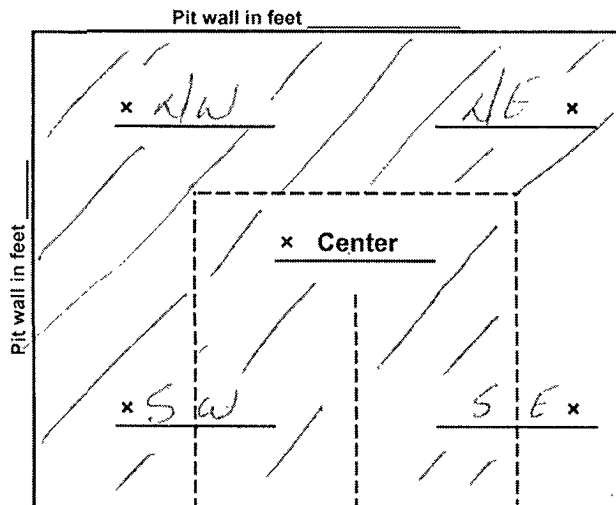
DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

Discont NE corner to 15' NW to 10' Center to 20' & SW to 20' Center. Additional Borehole Trenches as needed in Pit. Approx 12-2000 Meters Borehole

Highlander Environmental Corp.
Pit Sample Location Plat



x Indicates Sample Location
(Name by quarter i.e. NW, NE etc)



Draw in North Arrow

Depth of pit in feet 12

• Wellhead

Well Pad

Client:

COB Oper

Well

Name:

Holder CB Field H 9

API#

30-015-35273

Summary Report

Garv Miller
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: December 27, 2007

Work Order: 7122618



Project Location: Eddy Co. NM.
Project Name: COG/ Holder CB Fed. #9
Project Number: 3212

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146465	NE-15'	soil	2007-12-20	00:00	2007-12-26
146466	NW-15'	soil	2007-12-20	00:00	2007-12-26
146467	Center-20'	soil	2007-12-20	00:00	2007-12-26
146468	SE-2'	soil	2007-12-20	00:00	2007-12-26
146469	SW-20'	soil	2007-12-20	00:00	2007-12-26

Sample: 146465 - NE-15'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146466 - NW-15'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146467 - Center-20'

Param	Flag	Result	Units	RL
Chloride		144	mg/Kg	2.00

Sample: 146468 - SE-2'

Param	Flag	Result	Units	RL
Chloride		182	mg/Kg	2.00

Sample: 146469 - SW-20'

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: December 27, 2007
3212

Work Order: 7122618
COG/ Holder CB Fed. #9

Page Number: 2 of 2
Eddy Co. NM.

Param	Flag	Result	Units	RL
Chloride		172	mg/Kg	2.00

Submit 3 Copies To Appropriate District Office
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State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

3212

Form C-103
May 27, 2004

WELL API NO. 30-015-35273	
5. Indicate Type of Lease FEDERAL STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Holder CB Federal	
8. Well Number 9	
9. OGRID Number 229137	
10. Pool name or Wildcat LOCO HILLS; GLORIETA YESO	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS) 1. Type of Well. Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator COG Operating LLC	
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701	
4. Well Location Unit Letter D : 920' feet from the North line and 330' feet from the West line Section 11 Township 17S Range 30E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3657' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>	
Pit type DRILLING Depth to Groundwater 100' Distance from nearest fresh water well 1000' Distance from nearest surface water 1000'	
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER **Pit closure**



OTHER



13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC proposes to close the drilling pit as follows

- 1 Remove fluids from pit
- 2 A deep trench pit will be constructed next to the existing reserve pit and lined with a 12 mil liner. The contents will be encapsulated in this pit and the liner will be folded over the mud and cuttings
- 3 Cover liner with 20 mil liner with excess of 3' on all sides as per option IV B 3.(b) of the Pit and Below-Grade Tank Guidelines
- 4 Cover with a minimum 3' of native soil
- 5 Contour pit to prevent erosion and ponding of rainwater



If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Kanicia Carrillo

TITLE

Regulatory Analyst

DATE 08-22-07

Type or print name
For State Use Only

Kanicia Carrillo

E-mail address: **kcarrillo@conchoresources.com**

Telephone No. **432-685-4332**

APPROVED BY:

Signed By

Mike Carrillo

TITLE

DATE

AUG 29 2007

Conditions of Approval (if any)

