

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 NMOCD 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: PLedwards@conchoresources.com
Address 550 West Texas Ave., Suite 1300, Midland, Texas 79701
Facility or well name: Electra Federal #19 API #. 30-015-35781 UL or Qtr/Qtr F Sec 15 T-17-S R-30-L
County Eddy Latitude 32.835331 Longitude 103.962400 NAD. 1927 X 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
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 5,000 bbl	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.) 110'	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) 0 (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (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 1-30-2008, on verbal approval by Mike Bratcher.
Lab and field sample results are attached.
Removed all material above 250 chlorides in all but the SE corner. Cleaned out SE corner to 30", lined with 20 mil plastic and used area for second burial trench
<i>FINAL Closure 1/30/08</i>

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 NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 2-5-08

Printed Name/Title Gary Miller, Agent

Signature 

Your certification and NMOCD 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 _____

Signed By *Mike Bratcher*

Date FEB 05 2008

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number: 3391 Date: 1-30-08
 Client: POB Oper
 Well Name: Electrode #19
 API#: 30-015-35781
 Depth of Pit: 8'
 Depth to Groundwater: 110 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	350	
	5	200	<100
NW	2	1000	
	5	1000	
	10	250	143
SE	2	9100	
	5	1150	
	10	4400	
	15	3350	
	20	3000	
	25	1900	
Rock & clay	30	900	1180
SW	2	500	
	5	250	<100
Center	2	950	
	5	250	<100

DNR- Did not run at lab.
 BGS- Below Ground Surface
 BPB- Below Pit Bottom

Summary Report

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

Report Date: February 5, 2008

Work Order: 8020113



Project Location: Eddy County, NM
Project Name: COG/Electra Fed. #19
Project Number: 3391

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
149412	NE-5'	soil	2008-01-30	00:00	2008-02-01
149413	NW-10'	soil	2008-01-30	00:00	2008-02-01
149414	SE-30'	soil	2008-01-30	00:00	2008-02-01
149415	SW-5'	soil	2008-01-30	00:00	2008-02-01
149416	Center-5'	soil	2008-01-30	00:00	2008-02-01

Sample: 149412 - NE-5'

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

Sample: 149413 - NW-10'

Param	Flag	Result	Units	RL
Chloride		143	mg/Kg	2.00

Sample: 149414 - SE-30'

Param	Flag	Result	Units	RL
Chloride		1180	mg/Kg	2.00

Sample: 149415 - SW-5'

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

Sample: 149416 - Center-5'

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: February 5, 2008
3391

Work Order: 8020113
COG/Electra Fed. #19

Page Number: 2 of 2
Eddy County, NM

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

Gary Miller

From: Bratcher, Mike, EMNRD [mike.bratcher@state.nm.us]
Sent: Thursday, January 31, 2008 10:32 AM
To: gmiller@hec-enviro.com
Subject: RE: COG Electra Fed #19

Gary,

This method will work for closure.

Mike Bratcher
NMOCD District II
Office (575)748-1283x108
Cell (575)626-0857

From: Gary Miller [mailto:gmiller@hec-enviro.com]
Sent: Wednesday, January 30, 2008 3:00 PM
To: Bratcher, Mike, EMNRD
Subject: COG Electra Fed #19

Mike the attached are the sample results from the above mentioned well, the SE corner was still 900 mg/Kg chloride at 30' and we could not get any deeper. is this deep enough, if so we would like to line the area and use it for a second burial trench, please let me know, thanks,

Gary Miller
Highlander Environmental Corp
1910 N Big Spring
Midland, Texas
432-682-4559 office
432-557-4681 cell

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1/31/2008