

District I
1625 N Trench 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

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

Form C-144
June 1, 2004

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: PEdwards@conchoresources.com	
Address: 550 West Texas Ave., Suite 1300, Midland, Texas 79701	
Facility or well name: Electra Federal #12	API # 30-015-35428 UL or Qtr/Qtr K Sec 10 T-17-S R-30-E
County Eddy	Latitude 32.847995 N Longitude 103.960333 W NAD: 1927 X 1983 <input type="checkbox"/>
Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
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) 115'	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 1-4-2008, on verbal approval by Mike Bratcher
Lab and field sample results are attached.
Removed all material with Chloride levels above 250 mg/Kg placed in burial trench and backfill.

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: 1-15-08

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

Date:

Accepted for record
NMOCD

JAN 17 2008

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number:

3179

Client:

COG

Well Name

Electric Fed #12

API#

30-015-35428

Eddy Co. NM

12-27-07

Depth of Pit

8'

Location and Depth of

Background sample

(E)

All pit sample depths are below pit bottom (BPB)

Sample Location	Depth (BPB)	Field Chloride Results (ppm)	Lab Chloride Results (ppm)
NE	2'	160	117
NW	2'	360	
	5'	1560	
	10'	4640	
	15'	4000	
	20'	120	<100
SE	2'	160	<100
SW	2'	320	
	5'	160	<100
CENTER	2'	2400	
	5'	6400	
	10'	640	
	15'	240	131

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

Dug out all material above 250 el. Place in Burial Trench.

D.R. - M. Bratechov 1-4-08

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

Pit wall in feet _____

x NE

x SE

x Center

Depth of pit in feet 8'

x NW

x SW

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



Draw in North Arrow

• Wellhead

Well Pad

Client. COG

Well Name. Election Fcd. #12

API# 30-015-35428

Summary Report

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

Report Date: January 9, 2008

Work Order: 8010424



Project Location: Eddy County, NM
Project Name: COG-Electra Fed #12
Project Number: 3179

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146964	NE 2'	soil	2007-12-27	00:00	2008-01-04
146965	NW 20'	soil	2007-12-27	00:00	2008-01-04
146966	SE 2'	soil	2007-12-27	00:00	2008-01-04
146967	SW 5'	soil	2007-12-27	00:00	2008-01-04
146968	Center 15'	soil	2007-12-27	00:00	2008-01-04

Sample: 146964 - NE 2'

Param	Flag	Result	Units	RL
Chloride		117	mg/Kg	2.00

Sample: 146965 - NW 20'

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

Sample: 146966 - SE 2'

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

Sample: 146967 - SW 5'

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

Sample: 146968 - Center 15'

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: January 9, 2008
3179

Work Order: 8010424
COG-Electra Fed #12

Page Number: 2 of 2
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		131	mg/Kg	2.00