

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 Lectra Federal #14 API #. 30-015-35429 Ul. or Qtr/Qtr F Sec 10 T-17-S R-30-L  
County Tddy Latitude 32.851350N Longitude 103.960333W NAD 1927 X 1983 ☐  
Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume 3,000 bbl

**Below-grade tank**

Volume \_\_\_\_\_ bbl Type of fluid \_\_\_\_\_

Construction material \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ 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 5-16-2008, on email approval by Mike Bratcher.

Lab and field sample results are attached

Removed all material above 250 chlorides and placed in burial trench after field sampling

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 5-23-07

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 \_\_\_\_\_

**Accepted for record**  
**NMOCD**

Date MAY 23 2008

# Pit Closure Sampling Report

Date: 5-15-08

**Client:**

**API#**

Depth to

## Groundwater

606

Electra Fed #14

30-015-35 429

5

115-1

Orientation of pit **N** S E W

Burial trench location from reserve pit N S (E) W

All pit sample depths are *below pit bottom* (BPB)

[illegible]

BPB- Below Pit Bottom

all saples 250 mg/ug or less -  
all cuttings Placed in Burial Trench  
East of Reserve D.V.

Report Date: May 21, 2008  
3497

Work Order: 8051637  
COG-Electra Fed. #14

Page Number: 1 of 2  
Eddy County, NM

## Summary Report

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

Report Date: May 21, 2008

Work Order: 8051637



Project Location: Eddy County, NM  
Project Name: COG-Electra Fed. #14  
Project Number: 3497

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
160408	NE 2'	soil	2008-05-15	00:00	2008-05-16
160409	NW 2'	soil	2008-05-15	00:00	2008-05-16
160410	SW 2'	soil	2008-05-15	00:00	2008-05-16
160411	SE 2'	soil	2008-05-15	00:00	2008-05-16
160412	Center 2'	soil	2008-05-15	00:00	2008-05-16

### Sample: 160408 - NE 2'

Param	Flag	Result	Units	RL
Chloride		275	mg/Kg	2.00

### Sample: 160409 - NW 2'

Param	Flag	Result	Units	RL
Chloride		237	mg/Kg	2.00

### Sample: 160410 - SW 2'

Param	Flag	Result	Units	RL
Chloride		128	mg/Kg	2.00

### Sample: 160411 - SE 2'

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: May 21, 2008  
3497

Work Order: 8051637  
COG-Electra Fed. #14

Page Number: 2 of 2  
Eddy County, NM

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

**Sample: 160412 - Center 2'**

Param	Flag	Result	Units	RL
Chloride		147	mg/Kg	2.00

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June 1, 2004

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Pit or Below-Grade Tank Registration or Closure

APR 16 2008

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 ☒

OCD-ARTESIA

Operator **COG Operating LLC** Telephone **432-685-4332** e-mail address **kcarrillo@conchoresources.com**  
Address **550 W. Texas, Suite 1300** **Midland, TX 79701**  
Facility or well name **ELECTRA FEDERAL #14** API# **30-015-35429** U/L or Qtr/Qtr **F** Sec **10** T **17S** R **30E**  
County **EDDY** Latitude **32.851350° N** Longitude **103.960333° W** NAD 1927 ☒ 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 <b>12</b> mil Clay <input type="checkbox"/> Pit Volume <b>3000</b> 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) <b>115'</b>	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	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)
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)
Ranking Score (Total Points)		<b>0 points</b>

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	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 & cuttings.
3.	Cover liner w/20 mil liner w/ excess of 3' on all sides as per option IV.B.3.(b) of Pit and Below-Grade Tank Guidelines
4.	Cover w/ a minimum of 3' of native soil.
5.	Contour pit to prevent erosion & ponding of rainwater.

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

Date **04-14-08**

Printed Name/Title **Kanicia Carrillo, Regulatory Analyst**

Signature

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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.

Signed By

Signature

Date

APR 21 2008

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