

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: 432-685-4332	e-mail address: kcarrillo@conchoresources.com	
Address Fasken Center Tower II, 550 W Texas Ave., Suite 1300, Midland, TX 79701				
Facility or well name MC Federal # 12		API #: 30-025-38509	U/L or Qtr/Qtr: C	Sec. 21 T 17S R. 32E
County Lea		Latitude 32 824551 N	Longitude: 103 774158 W	NAD: 1927 <input checked="" type="checkbox"/> 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) 110'		Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more - X (0 points) 0		
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 - X (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 - X (0 points) 0		
		Ranking Score (Total Points)		0 points

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.

Closed by trench burial, procedure attached and e-mail notified Larry Johnson of closure on 12-26-07.
All material with chloride levels above 250 mg/Kg were removed and placed in 20 mil lined burial trench located next to the reserve pit on south side.
Trench was capped with 20 mil. liner with excess of 3' on all sides and covered with 3' of native soil.
Lab and field samples results are attached

RECEIVED

JAN 17 2008

HOBBS OCD

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 1-15-2008

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

CHRIS WILLIAMS / DIST. SARA

Signature

Chris Williams

Date

1/18/08

Pit Closure Sampling Report

Groundwater

110

Orientation of pit N S E W

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

[illegible]

BPB- Below Pit Bottom

Cleaned out NW to 20' & placed in
Burial Trench w/ Cuttings.

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

Pit wall in feet _____

x NE SE x

x Center

x HW NE x

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

← Draw in North Arrow

Depth of pit in feet 8

• Wellhead

Well Pad

Client: LOG Oper

Well Name: MCFcd #12

API# 30-025-38509

Summary Report

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

Report Date: January 9, 2008

Work Order: 8010426



Project Location: Lea Co., NM
Project Name: COG-MC Fed #12
Project Number: 3309

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146974	NE 2'	soil	2007-12-26	00:00	2008-01-04
146975	NW 20'	soil	2007-12-26	00:00	2008-01-04
146976	SE 2'	soil	2007-12-26	00:00	2008-01-04
146977	SW 2'	soil	2007-12-26	00:00	2008-01-04
146978	Center 2'	soil	2007-12-26	00:00	2008-01-04

Sample: 146974 - NE 2'

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

Sample: 146975 - NW 20'

Param	Flag	Result	Units	RL
Chloride		116	mg/Kg	2.00

Sample: 146976 - SE 2'

Param	Flag	Result	Units	RL
Chloride		183	mg/Kg	2.00

Sample: 146977 - SW 2'

Param	Flag	Result	Units	RL
Chloride		203	mg/Kg	2.00

Sample: 146978 - Center 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: January 9, 2008
3309

Work Order: 8010426
COG-MC Fed #12

Page Number: 2 of 2
Lea Co., NM

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