

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: PEidwards@conchoresources.com
Address: 550 West Texas Ave., Suite 1300, Midland, Texas 79701
Facility or well name: Harvard Fed #9 API #: 30-015-35981 U.I. or Qtr/Qu: II Sec: 11 T-17-S R-30-E
County: Eddy Latitude: 32 851632N Longitude: 103 935032W 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: 24,000 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 (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 3-15-2008, on email approval by Mike Bratcher.

Lab and field sample results are attached

All material above 250 mg/Kg chlorides as removed from pit and placed in the lined trench east of the pit and then capped and closed.

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: 3-15-08

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: _____

Accepted for record
NMOCD

Date: _____

APR 21 2008

Highlander Environmental Corp.

Pit Closure Sampling Report

Job Number:

3061

Date: 4-11-03

Client:

Co

Well Name

Harvard Fed #9

API#

30-015-35901

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	250	<100
NW	2	250	<100
SE	2	250	<100
SW	2	5648	
	5	850	
	10	250	<100
C	2	250	183

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

All material above 250 mg/kg removed & placed in Burial Trench & closed

Summary Report

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

Report Date: April 14, 2008

Work Order: 8041115



Project Location: Eddy Co, NM
Project Name: COG-Harvard Federal #9
Project Number: 3061

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
156533	NE-2	soil	2008-04-10	00:00	2008-04-11
156534	NW-2	soil	2008-04-10	00:00	2008-04-11
156535	SE-2	soil	2008-04-10	00:00	2008-04-11
156536	SW-10	soil	2008-04-10	00:00	2008-04-11
156537	C-2	soil	2008-04-10	00:00	2008-04-11

Sample: 156533 - NE-2

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

Sample: 156534 - NW-2

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

Sample: 156535 - SE-2

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

Sample: 156536 - SW-10

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

Sample: 156537 - C-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 April 14, 2008
3061

Work Order: 8041115
COG-Harvard Federal #9

Page Number: 2 of 2
Eddy Co, NM

Param	Flag	Result	Units	RL
Chloride		183	mg/Kg	2.00