

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: Harper State #13	API #: 30-015-35657 UL or Qtr/Qtr N Sec 16 T-17-S R-30-E
County: Eddy	Latitude 32.828378N Longitude 103.971075W NAD: 1927 X 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" 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.) 150	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 1-17-2008, on verbal approval by Mike Bratcher
Removed all material with chloride levels over 250 mg/Kg, constructed a second lined burial trench in the SE corner and closed pit
Lab and field sample results attached

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: 1-25-08

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

Accepted for record
NMOCD

FEB 11 2008

Printed Name/Title

Signature

Date

Highlander Environmental Corp.
Pit Closure Sampling Report

Job Number:

Client:

Well Name

API#

Depth of Pit

Depth to

Groundwater

150'

Orientation of pit N S E W

All pit sample depths are below pit bottom (BPB)

[illegible]

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

Approved by Mike Bratcher on 1-17-2008

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____


Pit wall in feet _____

x NW x NE x

x Center x

x SW x SE x

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

 Draw in North Arrow

Depth of pit in feet _____

• Wellhead

Well Pad

Client COG Operating

Well Name: Harper State #13

API# 30-015-35657

Report Date: January 22, 2008
3370

Work Order: 8012125
COG-Harper State #13

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: January 22, 2008

Work Order: 8012125



Project Location: Eddy County, NM
Project Name: COG-Harper State #13
Project Number: 3370

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
148606	NE-2'	soil	2008-01-17	00:00	2008-01-21
148607	NW-5'	soil	2008-01-17	00:00	2008-01-21
148608	SE-5'	soil	2008-01-17	00:00	2008-01-21
148609	SW-5'	soil	2008-01-17	00:00	2008-01-21
148610	C-5'	soil	2008-01-17	00:00	2008-01-21

Sample: 148606 - NE-2'

Param	Flag	Result	Units	RL
Chloride		369	mg/Kg	2.00

Sample: 148607 - NW-5'

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

Sample: 148608 - SE-5'

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

Sample: 148609 - SW-5'

Param	Flag	Result	Units	RL
Chloride		204	mg/Kg	2.00

Sample: 148610 - C-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: January 22, 2008
3370

Work Order: 8012125
COG-Harper State #13

Page Number 2 of 2
Eddy County, NM

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