

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

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, Houma State # 4	API #: 30-015-35767 UL or Qtr/Qtr E Sec 16 T-17-S R-30-E
County: Eddy	Latitude 32.822571N Longitude 104.064500W NAD: 1927 X 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" 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 5000 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 1-22-2008, on verbal approval by Mike Bratcher.
Lab and field sample results are attached
All material above 250 mg/Kg chlorides as removed from pit except for NE corner. Dug out NE corner to 35' and could not get deeper, bedded and lined the area
For a second burial trench and backfilled 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: 1-29-08

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: FEB 11 2008

Pit Closure Sampling Report

Job Number:

Client:

Well Name

API#

Depth of Pit

Depth to

Groundwater

Date: 1-21-08

3068

106. Opp.

Iowa State #4

30-015-35767

2

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

Dig out NE corner to 3' level & use for
Second burial trench & Dig at NW corner
to 15',

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

x SE SW x


x NE NW x

x Center

• Wellhead

Well Pad

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

 Draw in North Arrow

Depth of pit in feet 7

Client: COF Oper

Well Name: Hanna State #14

API# 30-015-35767

Report Date: January 29, 2008
3068

Work Order: 8012431
COG/Houma State #4 RP

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 29, 2008

Work Order: 8012431



Project Location: Eddy County, NM
Project Name: COG/Houma State #4 RP
Project Number: 3068

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
148860	NE-35' RP	soil	2008-01-21	00:00	2008-01-24
148861	NW-15' RP	soil	2008-01-21	00:00	2008-01-24
148862	SE-2' RP	soil	2008-01-21	00:00	2008-01-24
148863	SW-2' RP	soil	2008-01-21	00:00	2008-01-24
148864	Center-2' RP	soil	2008-01-21	00:00	2008-01-24

Sample: 148860 - NE-35' RP

Param	Flag	Result	Units	RL
Chloride		319	mg/Kg	2.00

Sample: 148861 - NW-15' RP

Param	Flag	Result	Units	RL
Chloride		290	mg/Kg	2.00

Sample: 148862 - SE-2' RP

Param	Flag	Result	Units	RL
Chloride		319	mg/Kg	2.00

Sample: 148863 - SW-2' RP

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

Sample: 148864 - Center-2' RP

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 29, 2008
3068

Work Order: 8012431
COG/Houma State #4 RP

Page Number: 2 of 2
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		247	mg/Kg	2.00