

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: pedwards@conchoresources.com		
Address Fasken Center Tower II, 550 W Texas Ave , Suite 1300, Midland, TX 79701		
Facility or well name Dinwiddie State #1	API # 30-025-38059	U/L or Qtr/Qtr M Sec 16 T 25S R 36E
County Lea	Latitude N 32° 07' 30"	Longitude W 103° 16' 37" NAD 1927 <input type="checkbox"/> 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 20,000 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) greater than 100 feet	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 on 3-11-08, by email approval by Chris Williams.
Pit contents placed in a lined burial trench located on the east side of the reserve pit due to elevated chlorides in the pit area, the pit bottom was leveled and bedded with Sand, and a 20 mil cap placed over the entire pit bottom 4 to 6 feet of fill was placed over the cap and the pit area re-contoured
Field sample and lab results attached
RECEIVED
MAR 19 2008

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 approval ☐

Date 3-17-08

Printed Name/Title Gary E Miller, Agent for COG Operating LLC

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 

Date

3.21.08

ENVIRONMENTAL ENGINEER

Highlander Environmental Corp.

Pit Closure Sampling Report

Job Number:

2915

Date:

3-11-08

Client:

BGS Oper.

Well Name

Dinwiddie State #1

API#

30-025-39059

Depth of Pit

3'

Depth to

Groundwater

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	6100	
	5	7400	
	10	200	278
NW	2	500	
	5	3050	
	10	3700	
	15	250	369
SE	2	5550	
	5	1500	
	10	4100	
	15	3600	
	20	4320	
	25	250	5100
SW	2	1500	
	5	300	
	10	200	293
Center	2	9300	
	5	7300	
	10	6550	
	15	4960	
	20	1760	
	25	400	
	30	250	298

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

Level: & Sand Bed entire Pit Bottom
Lay 20mil Plastic capover entire Pit
Bottom & level & Re-Contour. Debris Trench (lined)
located East of Reserve Pit.

Approved by email from Chris Williams 3-12-08

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

Pit wall in feet _____

x NW NE x

x Center

x SW SE 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:

COG Oper

Well

Name:

Pinwiddle State #1

API#

30-025-38059

Summary Report

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

Report Date: March 14, 2008

Work Order: 8031232



Project Name: COG-Dinwiddle State Com #1
Project Number: 2915

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
153418	NE-10	soil	2008-03-11	00:00	2008-03-12
153419	NW-15	soil	2008-03-11	00:00	2008-03-12
153420	SE-25	soil	2008-03-11	00:00	2008-03-12
153421	SW-10	soil	2008-03-11	00:00	2008-03-12
153422	C-30	soil	2008-03-11	00:00	2008-03-12

Sample: 153418 - NE-10

Param	Flag	Result	Units	RL
Chloride		278	mg/Kg	2.00

Sample: 153419 - NW-15

Param	Flag	Result	Units	RL
Chloride		369	mg/Kg	2.00

Sample: 153420 - SE-25

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

Sample: 153421 - SW-10

Param	Flag	Result	Units	RL
Chloride		293	mg/Kg	2.00

Sample: 153422 - C-30

Report Date: March 14, 2008
2915

Work Order: 8031232
COG-Dinwiddle State Com #1

Page Number: 2 of 2

Param	Flag	Result	Units	RL
Chloride		298	mg/Kg	2.00