

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
1720 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2001

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to
appropriate NMOC District Office
For downstream facilities, submit to Santa Fe
office

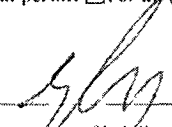
Pit or Below-Grade Tank Registration or Closure

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	Dasher 16 State #1	API #	30-015-35726	UI. or Qtr/Qtr	P Sec 16 T-16-S R-30-L
County	ddy	Latitude	32°55'40.61"	Longitude	103°58'10.09"
Surface Owner	Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>	NAD 1927 X 1983 <input type="checkbox"/>			
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 25,000 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.) 100'		Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more		(20 points) (10 points) 0 (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 No		(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more		(20 points) (10 points) (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 3-18-2008, on verbal approval by Mike Bratcher.
Lab and field sample results are attached.
Removed all material above 250 chlorides in all but the center section. Cleaned out center section to 30", lined with 20 mil plastic and used area for second burial trench.

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 NMOC guidelines X, a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date: 3-28-08	
Printed Name/Title Gary Miller, Agent	Signature 
Your certification and NMOC 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
Printed Name/Title	NMOC
	APR 01 2008

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number:
Client:
Well Name
API#
Depth of Pit
Depth to
Groundwater

3435
COG
Dasher 16 State #1
30-015-35726
6
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	100	<100
NW	2	4900	
	5	400	
	10	350	
	15	250	183
SE	2	350	
	5	150	<100
SW	2	100	<100
Center	2	11,000	
	5	11,000	
	10	7,100	
	15	8,400	
	20	3,350	
	25	2,200	
Rock & Clay	30	200	755

DNR- Did not run at lab.
BGS- Below Ground Surface
BPB- Below Pit Bottom

Dig out Center Section To 30', Line w/
20' of Backfill as second Ber in Trench.
Remove all 0.7% material above 250 mg/kg Cl.
& Place in Ber in Trench
Approved A. by Boatman 3-18-08

Summary Report

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

Report Date: March 21, 2008

Work Order: 8032006



Project Location: Eddy Co, NM
Project Name: COG-Dasher 16 State #1
Project Number: 3435

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
154116	NE 2'	soil	2008-03-17	00:00	2008-03-19
154117	NW 15'	soil	2008-03-17	00:00	2008-03-19
154118	SE 5'	soil	2008-03-17	00:00	2008-03-19
154119	SW 2'	soil	2008-03-17	00:00	2008-03-19
154120	CENTER 30'	soil	2008-03-17	00:00	2008-03-19

Sample: 154116 - NE 2'

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

Sample: 154117 - NW 15'

Param	Flag	Result	Units	RL
Chloride		183	mg/Kg	2.00

Sample: 154118 - SE 5'

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

Sample: 154119 - SW 2'

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

Sample: 154120 - CENTER 30'

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: March 21, 2008
3435

Work Order: 8032006
COG-Dasher 16 State #1

Page Number: 2 of 2
Eddy Co, NM

Param	Flag	Result	Units	RL
Chloride		755	mg/Kg	2.00

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Form C-144
June 1, 2004

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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: 550 W. Texas, Suite 1300		Midland, TX 79701		
Facility or well name: Dasher 16 State #1	API #: 30-015-35726	U/L or Qtr/Qtr: P	Sec: 16	T: 16S R: 30E
County: Eddy	Latitude: N32°55'40.61"	Longitude: W103°58'10.09"	NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>	
Surface Owner: Federal <input 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: 25,000 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) 100		Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 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)		
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)		
		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.

Additional Comments	COG Operating LLC proposes to close the drilling pit as follows:
1. Remove fluids from pit.	
2. A deep trench pit will be constructed next to the existing reserve pit and lined with a 12 mil liner. The contents will be encapsulated in this pit and the liner will be folded over the mud & cuttings.	
3. Cover liner w/20 mil liner w/ excess of 3' on all sides as per option IV.B.3.(b) of Pit and Below-Grade Tank Guidelines.	
4. Cover w/ a minimum of 3' of native soil.	
5. Contour pit to prevent erosion & ponding of rainwater.	

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: **02/21/08**

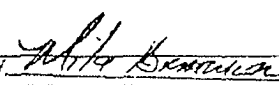
Printed Name/Title: **Kanicia Carrillo, Regulatory Analyst**

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: _____

Signature: _____

Signed By: 

Date: **FEB 21 2008**

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to filling trench.