

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	Folk Federal #4	API #	30-015-35728	UL or Qtr/Qtr	F
County	Eddy	Latitude	32.835367N	Longitude	104.098224W
Sec	17	T-17-S	R-29-L		
Surface Owner	Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <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"/>		Volume: _____ bbl Type of fluid _____			
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>		Construction material: _____			
Liner type Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/>		Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____			
Pit Volume 3,000 bbl					
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 11-14-2007, on verbal approval by Mike Bratcher
Lab and field sample results are attached
Elevated chloride levels in NW corner removed to 2', SE corner excavated to 5', excavation in SE corner lined and soil from both excavations placed in second burial trench.
Excavation covered with 20 mil plastic and backfilled

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, 11-26-07

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

Signed By

NOV 26 2007

Date

Highlander Environmental Corp.

Pit Closure Sampling Report

Job Number:

3250

Client:

Co G Operating LLC

Well Name

Folk Federal #4

API#

30-015-35728

Depth of Pit

8

Depth to

150'

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	240	114
NW	2	1200	
	5	180	<100
SE	2	720	
	5	2800	
	10	2040	
	15	800	
	20	600	492
SW	2	160	<100
Center	2	680	
	5	6240	
	10	180	<100

Talked Mike Butcher on 11-14-27
 Remove 2' at NW corner, 5' at center,
 20' at SE corner, install liner and
 trench at SE corner, put in excavated
 soil into trench & cap.

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

Pit wall in feet _____

x SW NW x

x Center

x SE NE x

• Wellhead

Well Pad

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

→ Draw in North Arrow

Depth of pit in feet _____

Client. COG Operating LLC
Well Name Falk Federal #4
API# 30-015-35728

Summary Report

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

Report Date: November 21, 2007

Work Order: 7111923



Project Location: Eddy County, NM
Project Name: COG/Folk Fed. #4
Project Number: 3250

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
143339	NE-2'	soil	2007-11-13	00:00	2007-11-19
143340	NW-5'	soil	2007-11-13	00:00	2007-11-19
143341	SE-20'	soil	2007-11-13	00:00	2007-11-19
143342	SW-2'	soil	2007-11-13	00:00	2007-11-19
143343	Center-10'	soil	2007-11-13	00:00	2007-11-19

Sample: 143339 - NE-2'

Param	Flag	Result	Units	RL
Chloride		114	mg/Kg	2.00

Sample: 143340 - NW-5'

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

Sample: 143341 - SE-20'

Param	Flag	Result	Units	RL
Chloride		492	mg/Kg	2.00

Sample: 143342 - SW-2'

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

Sample: 143343 - Center-10'

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: November 21, 2007
3250

Work Order: 7111923
COG/Folk Fed. #4

Page Number: 2 of 2
Eddy County, NM

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

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Form C-144
June 1, 2004

Pit or Below-Grade Tank Registration or Closure

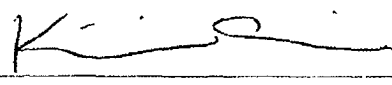
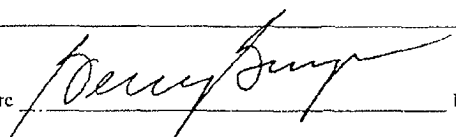
Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

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 Folk Federal #4 API # 30-015-35728 U/L or Qtr/Qtr F Sec 17 T 17S R 29E	
County EDDY Latitude 32.835367° N Longitude 104.098224° W NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>	
Surface Owner: Federal <input checked="" 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 3000 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. SEP 24 2007 OCD-ARTESIA
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) 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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date 9-21-07	
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	
Printed Name/Title Gerry Guro Compliance Officer	Signature  Date OCT 9 2007