

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: 432-685-4332	e-mail address: kcanillo@conchoresources.com
Address: Fasken Center Tower II, 550 W. Texas Ave., Suite 1300, Midland, TX 79701			
Facility or well name: State S-19 #32		API #: 30-015-35743	U/L or Qtr/Qtr: N Sec 19 T: 17S R: 29E
County: Eddy		Latitude: 32.813647 deg N	Longitude: 104.114210 deg W NAD: 1927 <input checked="" 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: 30,000 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.) 115'		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, procedure attached and on verbal approval by Mike Bratcher on 11-02-07.
Dug out NW corner and Center to 3'. Dug out NE corner to 7', installed liner at NE side and placed excavated soil back in lined trench for second burial trench and capped.
Lab and field samples results attached

Pit Closed 11/14/07

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: 11-14-2007

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: 

Date: NOV 26 2007

Pit Closure Sampling Report

Client:

API#

Depth to

115'

11-2-87

All pit sample depths are below pit bottom (BPB)

[illegible]

BGS- Below Ground Surface

BPB- Below Pit Bottom

H. B. Corner excavated to 5-7' Center
to Bunel Trench, Excavated NW & Center
Sections to 3' Back in Bunel Trench w/
exc. material from H. B. Corner. Cover w/
20 mil Plastic & Close. M. Bratches 11-2-07

Highlander Environmental Corp.
Pit Sample Location Plat

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 _____

• Wellhead

Well Pad

Client: COG Operating LLC
Well Name: State S - 19 #32
API# 30 - 015 - 35743

Summary Report

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

Report Date: November 13, 2007

Work Order: 7110507



Project Location: Eddy County, NM
Project Name: COG/State 19 #32
Project Number: 3209

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
141846	NE-10'	soil	2007-11-02	00:00	2007-11-05
141847	NW-10'	soil	2007-11-02	00:00	2007-11-05
141848	SE-5'	soil	2007-11-02	00:00	2007-11-05
141849	SW-10'	soil	2007-11-02	00:00	2007-11-05
141850	Center-5'	soil	2007-11-02	00:00	2007-11-05

Sample: 141846 - NE-10'

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

Sample: 141847 - NW-10'

Param	Flag	Result	Units	RL
Chloride		254	mg/Kg	2.00

Sample: 141848 - SE-5'

Param	Flag	Result	Units	RL
Chloride		134	mg/Kg	2.00

Sample: 141849 - SW-10'

Param	Flag	Result	Units	RL
Chloride		317	mg/Kg	2.00

Sample: 141850 - Center-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: November 13, 2007
3209

Work Order: 7110507
COG/State 19 #32

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

SEP 10 2007

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

OCD-ARTESIA

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 State S-19 #348 API #: 30-015-35743 U/L or Qtr/Qtr N Sec 19 T 17S R 29E	
County EDDY 32 Latitude 32.813647° N Longitude 104.114210° W NAD: 1927 <input checked="" 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 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: _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water) 115'	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 **09/06/07**

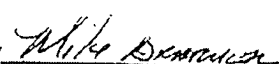
Printed Name/Title **Kanicia Carrillo, Regulatory Analyst**

Signature 

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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.

Signature

Signed By 

Date **SEP 20 2007**