

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

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

Form C-144
June 1, 2004

Pit or Below-Grade Tank Registration or Closure

OCT 16 2007

OCD-ARTESIA

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: PEwards@conchoresources.com
Address: 550 West Texas Ave., Suite 1300, Midland, Texas 79701
Facility or well name: G J West Coop Unit #154 API #: 30-015-35576 U/L or Qtr/Qu: M Sec: 16 T-17-S R-29-E
County: Eddy Latitude: 32.8300779N Longitude: 104.085164W NAD: 1927 X 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

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: 5,000 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) 110'	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 10-5-2007, on verbal approval by Mike Bratcher.
Additional soils were removed after field sampling and placed in burial trench, 8' from the SE corner and 5' from the SW corner. The lab and field sample results are attached.

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 ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 10-16-07

Printed Name/Title: Gary Miller, Agent

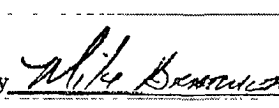
Signature: 

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

Printed Name/Title

Signature

Signed By: 

Date:

OCT 16 2007

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number: 3166
 Client: CO9
 Well Name: GS located at 154
 API#: 30-015-35576
 Depth of Pit: 10
 Depth to Groundwater: 110' 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'	120	<100
NW	2'	240	234
SE	2'	2060	
	5'	7200	
	10'	1600	
	15'	400	
	20'	360	348
SW	2'	11520	
	5'	1760	
	10'	1440	
	15'	400	
	20'	360	213
center	2'	160	293

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

Removed 8' of soil from SE corner
 5' of soil from SW corner
 & placed in Burial Trench & Closed
 Approved M. Bratcher 10-5-09

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet 115

Pit wall in feet 115

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 10

• Wellhead

Well Pad

Client: CO9

Well Name: G-5 West 154

API# 30-18 32576

Summary Report

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

Report Date: October 15, 2007

Work Order: 7100927



Project Location: Eddy County, NM
Project Name: COG/GJ West #154
Project Number: 3166

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
138820	NE 2'	soil	2007-10-04	00:00	2007-10-09
138821	NW 2'	soil	2007-10-04	00:00	2007-10-09
138822	SE 20'	soil	2007-10-04	00:00	2007-10-09
138823	SW 20'	soil	2007-10-04	00:00	2007-10-09
138824	Center 2'	soil	2007-10-04	00:00	2007-10-09

Sample: 138820 - NE 2'

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

Sample: 138821 - NW 2'

Param	Flag	Result	Units	RL
Chloride		234	mg/Kg	2.00

Sample: 138822 - SE 20'

Param	Flag	Result	Units	RL
Chloride		348	mg/Kg	2.00

Sample: 138823 - SW 20'

Param	Flag	Result	Units	RL
Chloride		213	mg/Kg	2.00

Sample: 138824 - Center 2'

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: October 15, 2007
3166

Work Order: 7100927
COG/GJ West #154

Page Number: 2 of 2
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		293	mg/Kg	2.00