

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

Form C-144  
June 1, 2001

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

**Pit or Below-Grade Tank Registration or Closure**

OCT 16 2007

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 ☒

OCD-ARTESIA

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 #158 API # 30-015-35580 UI or Qtr/Qtr M Sec 21 T-17-S R-29-F  
County Lddy Latitude 32 815824N Longitude 104 084653W NAD 1927 N 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 3,000 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.
Lab and field sample results are attached
Elevated chloride levels in SW corner could not be removed due to rock and full burial trench. Entire southwest corner leveled half way to northwest corner, bedded with sand
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 NMOC(D) 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(D) 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

Mike Bratcher

OCT 16 2007

Date

# Pit Closure Sampling Report

Job Number:

**Client:**

Well Name

API#

### Depth of Pit

Depth to

## Groundwater

Orientation of pit N S E W

All pit sample depths are below pit bottom (BPB)

[illegible]

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

Level 50' of SW corner outside  
House shoe - lay 2nd rd cap on bottom of

Each fill

M. Batchi 10-5-09

Highlander Environmental Corp.  
Pit Sample Location Plat

Pit wall in feet \_\_\_\_\_

x NW NE x

x Center

x SW SE x

Draw in North Arrow

Depth of pit in feet \_\_\_\_\_

• Wellhead

Well Pad

Client: COB

Well Name: G.J. West #158

API# 30-015-35580

## Summary Report

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

Report Date: October 15, 2007

Work Order: 7100928



Project Location: Eddy County, NM  
Project Name: COG/GJ West #158  
Project Number: 3180

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
138825	NE 2'	soil	2007-10-05	00:00	2007-10-09
138826	NW 2'	soil	2007-10-05	00:00	2007-10-09
138827	SE 2'	soil	2007-10-05	00:00	2007-10-09
138828	SW 22'	soil	2007-10-05	00:00	2007-10-09
138829	Center 2'	soil	2007-10-05	00:00	2007-10-09

**Sample: 138825 - NE 2'**

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

**Sample: 138826 - NW 2'**

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

**Sample: 138827 - SE 2'**

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

**Sample: 138828 - SW 22'**

Param	Flag	Result	Units	RL
Chloride		2500	mg/Kg	2.00

**Sample: 138829 - 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  
3180

Work Order: 7100928  
COG/GJ West #158

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Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	200