

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 ☒

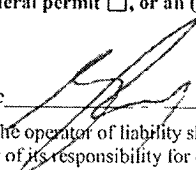
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

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: GJ West Coop Unit #168	API #: 30-015-35720	U/L or Qtr/Qtr: B Sec 21 T. 17S R: 29E
County: Eddy	Latitude 32.824485 deg. N	Longitude: 104.078270 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"/>		
<b>Pit</b> 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	<b>Below-grade tank</b> 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)
	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
<b>Ranking Score (Total Points)</b>		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 11-20-2007.
Dug out Center to 15' Installed liner at Center and placed excavated soil back in liner for second burial trench inside pit and capped.
Lab and field sample results are attached.

*Closed 11/20/07*

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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		
Date: 12-04-2007	Signature: 	
Printed Name/Title: Gary Miller - Agent		
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: _____	Date: DEC 10 2007
Printed Name/Title: <b>Accepted for record</b> <b>NMOCD</b>		

# Pit Closure Sampling Report

3251

ALG Ops LLC

Go West Exp 168

30-015-35720

6-8

110

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

Dis out center to at least 15' ~~from~~ pad &  
Liner w/ Plastic, for new burial trench &  
Backfill. M. by Bratcher 11-20-07

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 6-8

Client: POB

Well Name: BJ West Loop 168

API# 30-015-35720

## Summary Report

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

Report Date: November 29, 2007

Work Order: 7112502



Project Location: Eddy County, NM  
Project Name: COG/CJ West #168  
Project Number: 3251

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
143542	NE 5'	soil	2007-11-19	00:00	2007-11-21
143543	NW 2'	soil	2007-11-19	00:00	2007-11-21
143544	SE 5'	soil	2007-11-19	00:00	2007-11-21
143545	SW 2'	soil	2007-11-19	00:00	2007-11-21
143546	Center 15'	soil	2007-11-19	00:00	2007-11-21

**Sample: 143542 - NE 5'**

Param	Flag	Result	Units	RL
Chloride		160	mg/Kg	2.00

**Sample: 143543 - NW 2'**

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

**Sample: 143544 - SE 5'**

Param	Flag	Result	Units	RL
Chloride		228	mg/Kg	2.00

**Sample: 143545 - SW 2'**

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

**Sample: 143546 - Center 15'**

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.*

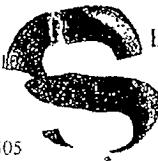
Report Date: November 29, 2007  
3251

Work Order: 7112502  
COG/GJ West #168

Page Number: 2 of 2  
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		1000	mg/Kg	2.00

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Form C-144  
June 1, 2004

3257

Pit or Below-Grade Tank Registration or Closure

SEP 27 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 <b>COG Operating LLC</b> Telephone: <b>432-685-4332</b> e-mail address <b>kcarrillo@conchoresources.com</b>	
Address <b>550 W. Texas, Suite 1300 Midland, TX 79701</b>	
Facility or well name <b>G J West Coop Unit #168</b> API # <b>30-015-35720</b> U/I. or Qtr/Qtr <b>B</b> Sec <b>21</b> T <b>17S</b> R <b>29E</b>	
County <b>EDDY</b> Latitude <b>32.824485° N</b> Longitude <b>104.078270° W</b> 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"/>	
<b>Pit</b> 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 <b>12</b> mil Clay <input type="checkbox"/> Pit Volume <b>3000</b> bbl	<b>Below-grade tank</b> 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) <b>110'</b>	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) <b>0 points</b>	

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Additional Comments <b>COG Operating LLC proposes to close the drilling pit as follows:</b>	
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. <b>See Attached</b>
5	Contour pit to prevent erosion & ponding of rainwater <b>Stipulations</b>

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 <b>09/25/07</b>	
Printed Name/Title <b>Kanicia Carrillo, Regulatory Analyst</b>	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 <b>Gerry Guye</b>	
Printed Name/Title <b>Compliance Officer</b>	Signature  Date <b>OCT 9 2007</b>