

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, 2004
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: PEdwards@conchoresources.com
Address: 550 West Texas Ave., Suite 1300, Midland, Texas 79701
Facility or well name: G J West Coop Unit #169 API #: 30-015-35721 UI. or Qtr/Qtr: E Sec: 21 T-17-S R-29-E
County: Eddy Latitude: 32 820951N Longitude: 104 086803W 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 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 11-13-2007, on verbal approval by Mike Bratcher
Lab and field sample results are attached. Due to pipelines and limited surface area, pit was triangular in shape and only 4 sample points were used.
Elevated chloride levels in N corner were excavated to 5' and in the center to 10'. The excavation in the center was lined and material from N and center were placed in lined trench and 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 OGD-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 

Date

NOV 26 2007

Pit Closure Sampling Report

Client:

Well Name

API#

Depth of Pit

Depth to

Groundwater

3246

COG Operating LLC

G.I. West Co-ol #169

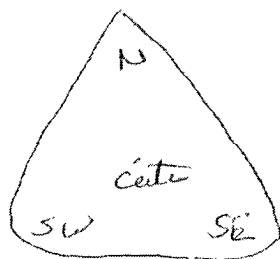
30-015-35721

8

110^y

Orientation of pit N S E W

All pit sample depths are *below pit bottom* (BPB)



Tapped w/ Mike Bratton on 11-13-07
Remove 5' at north end, remove
10' at center, install another
burial trench at center and cap.

Sample Location	Depth (BPB)	Field Chloride Results (mg/Kg)	Lab Chloride Results (mg/Kg)
N end	2	1400	
	5	1200	
	10	680	
	15	840	- hard rock 783
SE	2	120	<100
SW	2	120	<100
Center	2	420	
	5	620	
	10	1000	
	15	1400	- hard rock 1130

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 SE x

x Center x

x SW x

N

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: G J. West Co-op 169
API# 30-015-35721

Summary Report

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

Report Date: November 21, 2007

Work Order: 7111922



Project Location: Eddy County, NM
Project Name: COG/GJ West #169
Project Number: 3246

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
143333	N-15'	soil	2007-11-12	00:00	2007-11-19
143334	SE-2'	soil	2007-11-12	00:00	2007-11-19
143335	SW-2'	soil	2007-11-12	00:00	2007-11-19
143336	Center-15'	soil	2007-11-12	00:00	2007-11-19

Sample: 143333 - N-15'

Param	Flag	Result	Units	RL
Chloride		783	mg/Kg	2.00

Sample: 143334 - SE-2'

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

Sample: 143335 - SW-2'

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

Sample: 143336 - Center-15'

Param	Flag	Result	Units	RL
Chloride		1130	mg/Kg	2.00

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3240
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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	GJ West Coop Unit #169		API #	30-015-35721		U/I. or Qtr/Qtr	E	Sec 21 T 17S R 29E
County	EDDY		Latitude	32.820951° N		Longitude	104.086803° W	
Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" 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"/> 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	Volume ___ bbl Type of fluid ___ Construction material ___ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not ___	OCT 09 2007 OCD-ARTESIA
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 (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

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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 NMOCID guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 10/05/07

Printed Name/Title Kanicia Carrillo, Regulatory Analyst Signature

Your certification and NMOCID 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.

samples are to be obtained from area and analysis submitted to OCD prior to back-filling. IFY NMOCID 24 HOURS PRIOR TO OBTAINING SAMPLES.

Signature Signed By OCT 12 2007
If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to back-filling.