

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) 685-4340 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 #167 API #. 30-015-35719 UL or Qtr/Qtr N Sec 16 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
Elevated chloride levels in center section excavated to 5'. The excavation in the center was lined and material from 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 OCD-approved plan ☐.

Date 11-26-07

Printed Name/Title Gary Miller, Agent

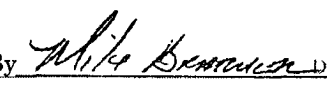
Signature 

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 

NOV 26 2007

Pit Closure Sampling Report

Client:

API#

Depth to

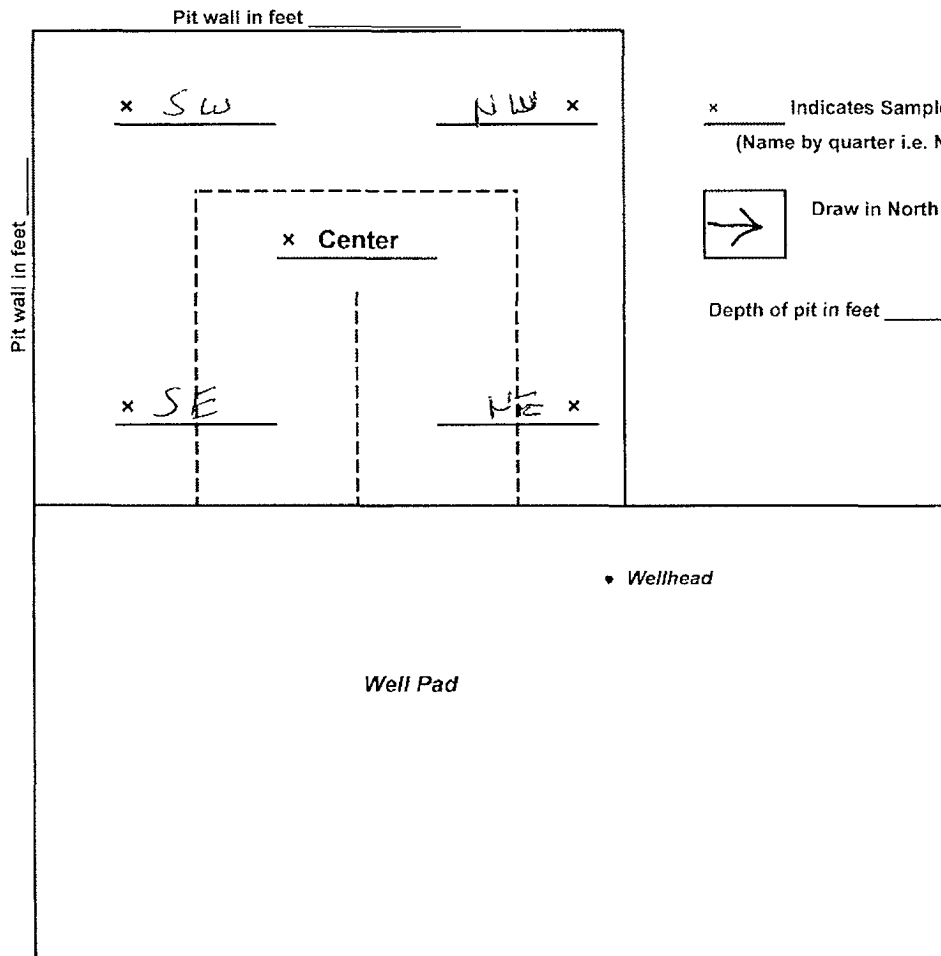
Orientation of pit N S E (W)

[illegible]

BPB- Below Pit Bottom

Talked w/ Mike Batzer on 11-13-07
Remove 5' at center, install spiral trench
at center and cap.

Highlander Environmental Corp.
Pit Sample Location Plat



x _____ Indicates Sample Location
(Name by quarter i.e. NW, NE etc)



Draw in North Arrow

Depth of pit in feet _____

Client: COG Operating LLC
Well Name: G J. Went Co-op #167
API#: 30-015-35719

Summary Report

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

Report Date: November 21, 2007

Work Order: 7111921



Project Location: Eddy County, NM
Project Name: COG/GJ West #167
Project Number: 3245

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
143328	NE-2'	soil	2007-11-12	00:00	2007-11-19
143329	NW-2'	soil	2007-11-12	00:00	2007-11-19
143330	SE-2'	soil	2007-11-12	00:00	2007-11-19
143331	SW-5'	soil	2007-11-12	00:00	2007-11-19
143332	Center-10'	soil	2007-11-12	00:00	2007-11-19

Sample: 143328 - NE-2'

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

Sample: 143329 - NW-2'

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

Sample: 143330 - SE-2'

Param	Flag	Result	Units	RL
Chloride		200	mg/Kg	2.00

Sample: 143331 - SW-5'

Param	Flag	Result	Units	RL
Chloride		172	mg/Kg	2.00

Sample: 143332 - Center-10'

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.

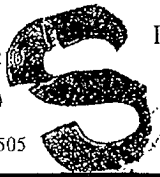
Report Date: November 21, 2007
3245

Work Order: 7111921
COG/GJ West #167

Page Number: 2 of 2
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		154	mg/Kg	2.00

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88201
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

3245

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 ☒

SEP 20 2007

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 G J West Coop Unit #167 API # 30-015-35719 U/L or Qtr/Qtr N Sec 16 T 17S R 29E	
County EDDY Latitude 32.829923° N Longitude 104.0802662° W NAD 1927 <input checked="" type="checkbox"/> 1983	
<input type="checkbox"/> Surface Owner <input type="checkbox"/> Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input 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) 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	

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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date 09/19/07	
Printed Name/Title Kanicia Carrillo, Regulatory Analyst	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.	

Samples are to be obtained from Pit area and analysis submitted to NMOCD prior to back-filling.
NOTIFY NMOCD 24 HOURS PRIOR TO OBTAINING SAMPLES.

Signed By Date **OCT 12 2007**
If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD