

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**

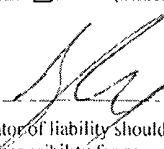
Is pit or below-grade tank covered by a "general plan"? Yes  No   
Type of action Registration of a pit or below-grade tank  Closure of a pit or below-grade tank

Operator	COG Operating, L.L.C	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 #153	API #.	30-015-35485	UI or Qtr/Qtr	A Sec 28 T-17-S R-29-1:
County	Eddy	Latitude	32 81133N	Longitude	104 07507W NAD: 1927 X 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>		<b>Below-grade tank</b>			
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>		Volume _____ bbl Type of fluid: _____			
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>		Construction material: _____			
Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/>		Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____			
Pit Volume 5,000 bbl					
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		
		<b>Ranking Score (Total Points)</b>		0	

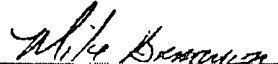
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location (check the onsite box if your are burying in place) onsite  offsite  If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial 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 10-18-2007, on verbal approval by Tim Gum
Lab and field sample results 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 NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

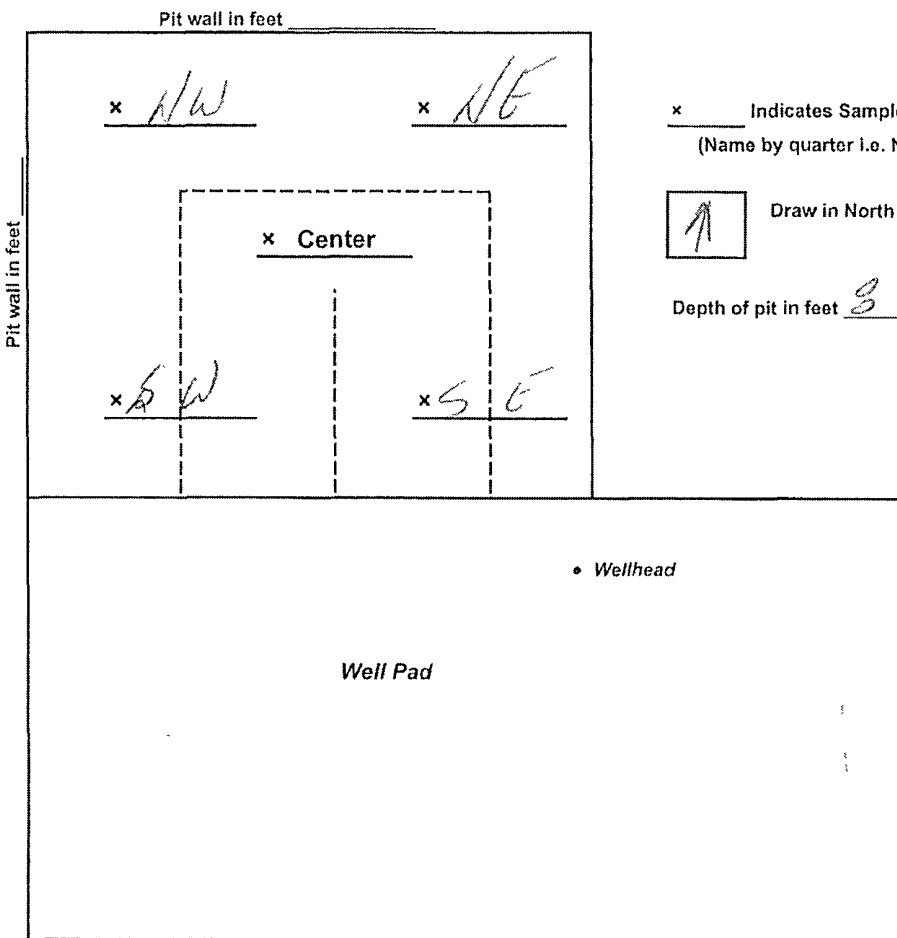
Date 10-31-07  
Printed Name/Title Gary Miller, Agent Signature 

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



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 3

Client: COG Oper  
Well Name: G. J. West Prop 153  
API# 30-015-35485

## Summary Report

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

Report Date: October 26, 2007

Work Order: 7101910



Project Location: Eddy County, NM  
Project Name: COG/GJ West #153  
Project Number: 3159

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
139600	NE 2.0'	soil	2007-10-17	00:00	2007-10-19
139601	NW 2.0'	soil	2007-10-17	00:00	2007-10-19
139602	SE 2.0'	soil	2007-10-17	00:00	2007-10-19
139603	SW 5.0'	soil	2007-10-17	00:00	2007-10-19
139604	Center 2.0'	soil	2007-10-17	00:00	2007-10-19

**Sample: 139600 - NE 2.0'**

Param	Flag	Result	Units	RL
Chloride		229	mg/Kg	2.00

**Sample: 139601 - NW 2.0'**

Param	Flag	Result	Units	RL
Chloride		154	mg/Kg	2.00

**Sample: 139602 - SE 2.0'**

Param	Flag	Result	Units	RL
Chloride		218	mg/Kg	2.00

**Sample: 139603 - SW 5.0'**

Param	Flag	Result	Units	RL
Chloride		335	mg/Kg	2.00

**Sample: 139604 - Center 2.0'**

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.*

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

Office  
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 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

STATE OF NEW MEXICO  
 Energy, Minerals and Natural Resources

FORM C-103  
 May 27, 2004

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. <b>30-015-35485</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>2007</b>
7. Lease Name or Unit Agreement Name <b>G J West Coop Unit</b>
8. Well Number <b>153</b>
9. OGRID Number <b>229137</b>
10. Pool name or Wildcat <b>GJ; 7RVS-QN-GB-GLORIETA-YESO</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
**COG Operating LLC**

3. Address of Operator  
**550 W. Texas Ave., Suite 1300 Midland, TX 79701**

4. Well Location  
 Unit Letter **A** : **536'** feet from the **North** line and **1179'** feet from the **East** line  
 Section **28** Township **17S** Range **29E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3565' GR**

Pit or Below-grade Tank Application  or Closure

Pit type **DRILLING** Depth to Groundwater **110'** Distance from nearest fresh water well **1000'** Distance from nearest surface water **1000'**

Pit Liner Thickness: **12 mil** Below-Grade Tank: Volume  bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <b>Pit closure</b> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC proposes to close the drilling pit as follows:

*32.8/103*  
*103.0000*

- Remove fluids from pit.
- 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 and cuttings.
- Cover liner with 20 mil liner with excess of 3' on all sides as per option IV.B.3.(b) of the Pit and Below-Grade Tank Guidelines.
- Cover with a minimum 3' of native soil.
- Contour pit to prevent erosion and ponding of rainwater.

Notify OCD 24 hours prior to beginning pit closure.  
 Samples are to be obtained from pit area and analysis submitted to NMOCDC prior to back-filling

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDC guidelines , a general permit  or an (attached) alternative OCD-approved plan .

SIGNATURE Phyllis A. Edwards TITLE Regulatory Analyst DATE 05-30-07

Type or print name Phyllis A. Edwards E-mail address: pedwards@conchoresources.com Telephone No. 432-685-4340  
**For State Use Only**

APPROVED BY: Jim W. Green TITLE District II Supervisor DATE 6/1/07  
 Conditions of Approval (if any)