

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesa, 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: kcarrillo@conchoresources.com							
Address: Fasken Center Tower II, 550 W. Texas Ave., Suite 1300, Midland, TX 79701							
Facility or well name: Mesilla State #4	API #: 30-015-35255 U/L or Qtr/Qtr: D Sec: 16 T 17S R: 30E						
County: Eddy	Latitude: 32.84096 deg. N Longitude: 103.98454 deg W NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>						
Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" 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: 30,000 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'	<table border="1"> <tr><td>Less than 50 feet</td><td>(20 points)</td></tr> <tr><td>50 feet or more, but less than 100 feet</td><td>(10 points)</td></tr> <tr><td>100 feet or more - X</td><td>(0 points) 0</td></tr> </table>	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
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.)	<table border="1"> <tr><td>Yes</td><td>(20 points)</td></tr> <tr><td>No - X</td><td>(0 points) 0</td></tr> </table>	Yes	(20 points)	No - X	(0 points) 0		
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.)	<table border="1"> <tr><td>Less than 200 feet</td><td>(20 points)</td></tr> <tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points)</td></tr> <tr><td>1000 feet or more - X</td><td>(0 points) 0</td></tr> </table>	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
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						
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.

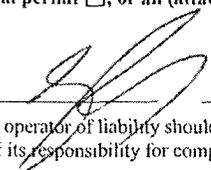
Closed by trench burial, procedure attached and on verbal approval by Mike Bratcher on 11-29-2007.

Dug out SW corner to 25' and NE corner to 10'. Installed liner at SW side and placed excavated soil back in liner for second burial trench inside pit and capped.

Lab and field sample results are attached.

Closed 11/29/07

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 , a general permit , or an (attached) alternative OCD-approved plan .

Date: 12-04-2007
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: **Accepted for record**
Printed Name/Title: **NMOCD** Signature: _____ **DEC 10 2007**

Highlander Environmental Corp.
Pit Closure Sampling Report

Job Number: _____
 Client: C&G Operating LLC
 Well Name: Mesilla State #4
 API#: 30-015-35255
 Depth of Pit: 8'
 Depth to Groundwater: _____
 Orientation of pit (N) S E W

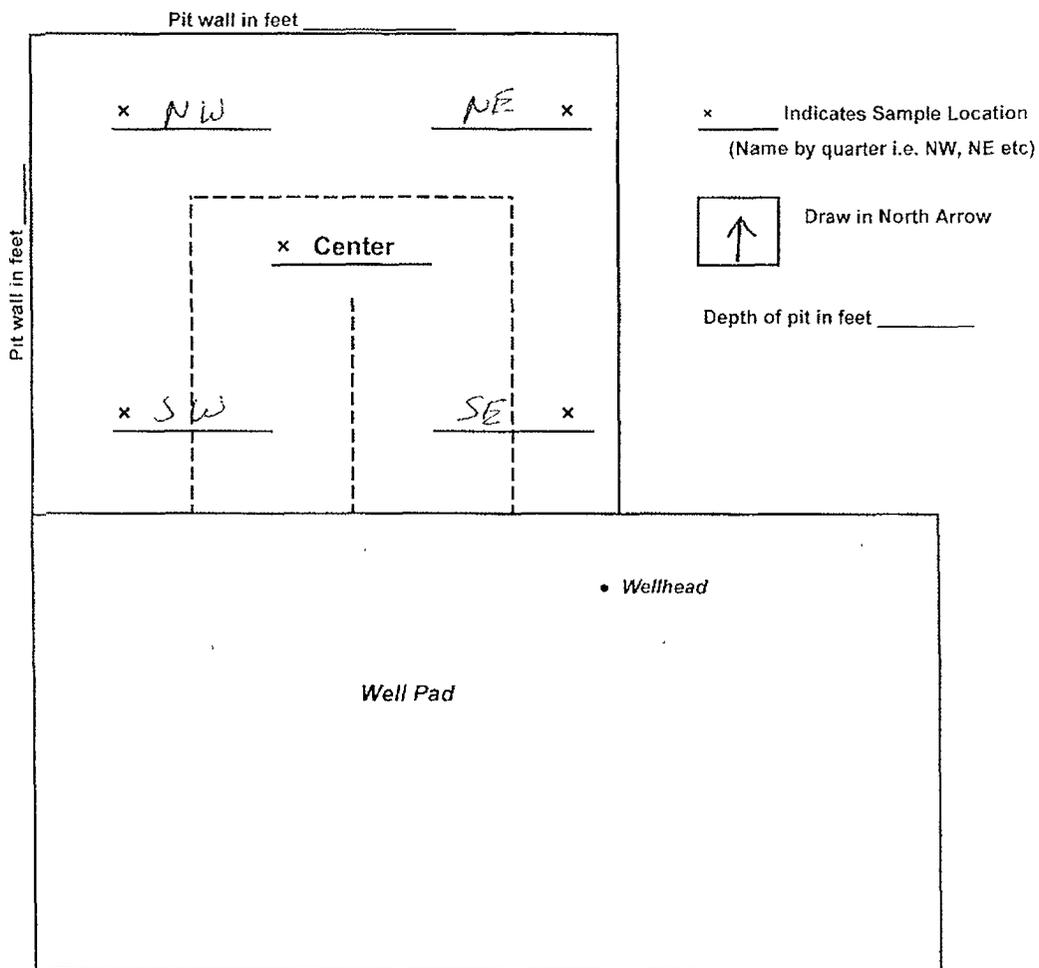
All pit sample depths are below pit bottom (BPB)

Sample Location	Depth (BPB)	Field Chloride Results (mg/Kg)	Lab Chloride Results (mg/Kg)
NE	2	1600	
	5	320	
	10	250	189
NW	2	240	223
SE	2	250	252
SW	2	7200	
	5	6880	
	10	2560	
	15	800	
	20	2400	4110
	25	160	120
Center	2	120	150

Dig out SW corner to 25' Resample.
~~Center~~ use excavation for second burial trench if
 needed. Also excavate 10' from NE corner.
 Place in trench. Mike Bratcher 11-29-09

DNR- Did not run at lab.
 BGS- Below Ground Surface
 BPB- Below Pit Bottom

Highlander Environmental Corp.
Pit Sample Location Plat



Client COG Operating LLC
Well Name: Mesilla State #4
API# 30-015-35255

Summary Report

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

Report Date: November 29, 2007

Work Order: 7112829



Project Location: Eddy County, NM
Project Name: COG-Mesilla State #4
Project Number: 3211

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
143828	NE 10'	soil	2007-11-27	00:00	2007-11-28
143829	NW 2'	soil	2007-11-27	00:00	2007-11-28
143830	SE 2'	soil	2007-11-27	00:00	2007-11-28
143831	SW 20'	soil	2007-11-27	00:00	2007-11-28
143832	Center 2'	soil	2007-11-27	00:00	2007-11-28

Sample: 143828 - NE 10'

Param	Flag	Result	Units	RL
Chloride		189	mg/Kg	2.00

Sample: 143829 - NW 2'

Param	Flag	Result	Units	RL
Chloride		223	mg/Kg	2.00

Sample: 143830 - SE 2'

Param	Flag	Result	Units	RL
Chloride		252	mg/Kg	2.00

Sample: 143831 - SW 20'

Param	Flag	Result	Units	RL
Chloride		4110	mg/Kg	2.00

Sample: 143832 - 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.

Param	Flag	Result	Units	RL
Chloride		150	mg/Kg	200

Summary Report

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

Report Date: November 30, 2007

Work Order: 7113024



Project Location: Eddy County, NM
Project Name: COG/Mesilla State #4
Project Number: 3211

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
144105	SW 25.0'	soil	2007-11-29	00:00	2007-11-30

Sample: 144105 - SW 25.0'

Param	Flag	Result	Units	RL
Chloride		120	mg/Kg	2.00

Submit 3 Copies To Appropriate District Office
 District I
 1625 N French Dr., Hobbs, NM 88240
 District II
 1301 W Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87419
 District IV
 1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

3211

Form C-103
 May 27, 2004



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

WELL API NO. 30-015-35255
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Mesilla State
8. Well Number 4
9. OGRID Number 229137
10. Pool name or Wildcat Loco Hills; Paddock 96718

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 _____

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 D : 330' feet from the North line and 330' feet from the West line
 Section 16 Township 17S Range 30E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc)
3630' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 <input type="checkbox"/>	Pit closure <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

GPS 32.84096
 103.98454

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 and cuttings
3. 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
4. Cover with a minimum 3' of native soil
5. Contour pit to prevent erosion and ponding of rainwater

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench

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

SIGNATURE [Signature] TITLE Regulatory Analyst DATE 8-22-07

Type or print name **Kanicia Carrillo** E-mail address: **kcarrillo@conchoresources.com** Telephone No. **432-685-4332**
For State Use Only **AUG 29 2007**

APPROVED BY: Signed By [Signature] TITLE _____ DATE _____
 Conditions of Approval (if any).