

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: Texaco BE #8 API #: 30-015-35253 UL or Qtr/Qtr: B Sec: 16 T-17-S R-30-L
County: Eddy Latitude: 32.84094N Longitude: 103.97600E 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) 150'	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 10-5-2007, on verbal approval by Mike Bratcher.
Lab and field sample results attached.
Excavated NE corner to 25', lined with 20 mil plastic, placed excavated material back in lined trench and capped with 20 mil plastic, backfill pit and close

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: 10-19-07

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 01 2007

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number: 3158
 Client: COG Operating, LLC
 Well Name: Texaco BP State #8
 API#: 30-015-35253
 Depth of Pit: 10'
 Depth to Groundwater: 150' 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	9440	
	5	2240	
	10	5280	
	15	5120	
Clay Layer	20	7200	6520
NW	2	240	<100
SE	2	200	<100
SW	2	200	<100
Center	2	160	<100
Additional Testing			
NE	22	6080	
	25	800	
	30	2120	
	35	240	<100

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

Need Deep Sample - Mr. Blotcher 9/28/07
 Excavate to 23' - Limit Excavation &
 Place the excavated material in lined
 trench over & back fill M. Blotcher 10-5-07

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

x SE x SW

x Center

x NE x NW

Draw in North Arrow

Depth of pit in feet 10

Excavated
5' from This Area
-Placed in Trench

Wellhead

Well Pad

Client: MOG Oper. LLC

Well Name: Texas BE State #8

API# 30-015-35253

Summary Report

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

Report Date: October 9, 2007

Work Order: 7100109



Project Location: Eddy County, NM
Project Name: COG/Texaco BE State #8
Project Number: 3158

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
137970	Northeast 20.0'	soil	2007-09-27	00:00	2007-10-01
137971	Northwest 2.0'	soil	2007-09-27	00:00	2007-10-01
137972	Southeast 2.0'	soil	2007-09-27	00:00	2007-10-01
137973	Southwest 2.0'	soil	2007-09-27	00:00	2007-10-01
137974	Center 2.0'	soil	2007-09-27	00:00	2007-10-01

Sample: 137970 - Northeast 20.0'

Param	Flag	Result	Units	RL
Chloride		6520	mg/Kg	2.00

Sample: 137971 - Northwest 2.0'

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

Sample: 137972 - Southeast 2.0'

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

Sample: 137973 - Southwest 2.0'

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

Sample: 137974 - 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.

Report Date: October 9, 2007
3158

Work Order: 7100109
COG/Texaco BE State #8

Page Number: 2 of 2
Eddy County, NM

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

Summary Report

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

Report Date: October 17, 2007

Work Order: 7101709



Project Location: Eddy County, NM
Project Name: COG/Texaco BE State #8
Project Number: 3158

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
139401	NE 35'	soil	2007-10-14	00:00	2007-10-17

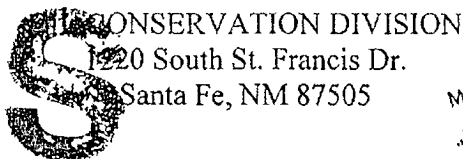
Sample: 139401 - NE 35'

Param	Flag	Result	Units	RL
Chloride		<100	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 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004



WELL API NO. 30-015-35253
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 6-11-11-11-11-11
7. Lease Name or Unit Agreement Name Texaco BE
8. Well Number 8
9. OGRID Number 229137
10. Pool name or Wildcat LOCO HILLS; Paddock

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 **B** ; **330'** feet from the **North** line and **2310'** feet from the **East** line
Section **16** Township **17S** Range **30E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3680' GR

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **DRILLING** Depth to Groundwater **150'** 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

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

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.

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 in accordance with the NMOCDD rules and regulations. Notify OCD 24 hours prior to beginning pit closure. Samples are to be obtained from pit area and analysis submitted to NMOCDD prior to back-filling.

SIGNATURE Carol Ann Lane

Type or print name **Carol Ann Lane**
For State Use Only

Analyst _____ DATE **5-17-07**

is.com Telephone No. **432-685-4395**

APPROVED BY: Jim W. Brown TITLE _____
Conditions of Approval (if any): 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

DATE **5/31/07**