

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 432-685-4332	e-mail address. kcarriilo@conchoresources.com
Address Fasken Center Tower II, 550 W Texas Ave, Suite 1300, Midland, TX 79701			
Facility or well name. B C Federal #13		API # 30-025-38164	U/L or Qtr/Qtr: A Sec 19 T 17S R 32E
County Lea		Latitude 32 826389 deg. N	Longitude: 103.79777 deg W NAD 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner Federal <input checked="" type="checkbox"/> State <input 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 3,000 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'	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more - X	(20 points) (10 points) (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 No - X	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more - X	(20 points) (10 points) (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 as per attached procedure approved by Larry Johnson on 10-24-2007

Lab and field samples results are 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 11-14-2007

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

Printed Name/Title

Signature

ENVIRONMENTAL ENGINEER

Date

11-27-07

Office
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Energy, Minerals and Natural Resources

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

FORM C-103
May 27, 2004

WELL API NO. 30-025-38164
5. Indicate Type of Lease FEDERAL STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name B C FEDERAL
8. Well Number 13
9. OGRID Number 229137
10. Pool name or Wildcat MALJAMAR; 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 **A** : **330'** feet from the **North** line and **330'** feet from the **East** line
Section **19** Township **17S** Range **32E** NMPM County **LEA**

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

3972' 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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Pit closure**



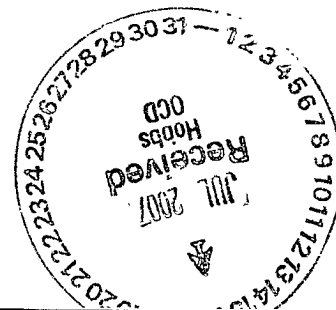
OTHER:



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

SIGNATURE Kanicia Carrillo TITLE Regulatory Analyst DATE 7-13-07

Type or print name **Kanicia Carrillo** E-mail address: **kcarrillo@conchoresources.com** Telephone No. **432-685-4334**
For State Use Only

APPROVED BY: Hayward Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 16 2007
Conditions of Approval (if any):

Pit Closure Sampling Report

3163

BC Fed #13 13

30-025-38164

9

140

190

N S E W

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

[illegible]

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 _____

x NW NE x

x Center

x SW SE x

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

 Draw in North Arrow

Depth of pit in feet _____

• Wellhead

Well Pad

Pit wall in feet _____

Client: COG Oper LLC

Well Name: BC Fed. #13

API# 30-015-38164

Summary Report

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

Report Date: November 6, 2007

Work Order: 7102801



Project Location: Eddy County, TX
Project Name: COG/BC Federal #13
Project Number: 3163

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
140641	NE-2'	soil	2007-10-23	00:00	2007-10-26
140642	NW-2'	soil	2007-10-23	00:00	2007-10-26
140643	SE-2'	soil	2007-10-23	00:00	2007-10-26
140644	SW-2'	soil	2007-10-23	00:00	2007-10-26
140645	Center-2'	soil	2007-10-23	00:00	2007-10-26

Sample: 140641 - NE-2'

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

Sample: 140642 - NW-2'

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

Sample: 140643 - SE-2'

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

Sample: 140644 - SW-2'

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

Sample: 140645 - 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.

Report Date: November 6, 2007
3163

Work Order: 7102801
COG/BC Federal #13

Page Number: 2 of 2
Eddy County, TX

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