

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

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

WELL API NO.

30-015-35245

5. Indicate Type of Lease **FEDERAL**  
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

**CADDO FEDERAL**

8. Well Number **2**

9. OGRID Number  
**229137**

10. Pool name or Wildcat **96718**  
**LOCO HILLS; Glorieta Yeso**

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 **17** Township **17S** Range **30E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3677' GR**

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **DRILLING** Depth to Groundwater **115'** 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.

Samples are to be obtained from pit area and analysis submitted to NMOCD prior to back-filling

Notify OCD 24 hours prior to beginning pit closure.

Accepted for record  
NMOCD

Closed by Trench Boring  
9-12-07, Verbal Approval by Tim Conn  
G.M.H.

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 Phyllis Edwards TITLE Regulatory Analyst DATE 4-11-07

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

APPROVED BY: Jim W. Green DATE 4/13/07  
Conditions of Approval (if any): District II Supervisor

## Summary Report

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

Report Date: September 18, 2007

Work Order: 7091429



Project Location: Eddy County, NM  
Project Name: Cog-Caddo Fed. #2  
Project Number: 3149

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
136498	SW 2'	soil	2007-09-12	00:00	2007-09-14
136499	SE 2'	soil	2007-09-12	00:00	2007-09-14
136500	NE 2'	soil	2007-09-12	00:00	2007-09-14
136501	NW 2'	soil	2007-09-12	00:00	2007-09-14
136502	Center 2'	soil	2007-09-12	00:00	2007-09-14

**Sample: 136498 - SW 2'**

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

**Sample: 136499 - SE 2'**

Param	Flag	Result	Units	RL
Chloride		199	mg/Kg	2.00

**Sample: 136500 - NE 2'**

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

**Sample: 136501 - NW 2'**

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

**Sample: 136502 - 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: September 18, 2007  
3149

Work Order: 7091429  
Cog-Caddo Fed. #2

Page Number: 2 of 2  
Eddy County, NM

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

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
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### Background sample

Pit Closure Sampling

4149

106, Operative, LLC

Card #2

30-015-35245

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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 \_\_\_\_\_

Pit wall in feet \_\_\_\_\_

x SW                      x NE

x Center

Depth of pit in feet \_\_\_\_\_

x SW                      x SE

• Wellhead

Well Pad

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



Draw in North Arrow

Client: POB Oper. LLC

Well Name: Caddo #2

API# 30-015-35245