

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. <b>30-025-05915</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Bertha Barber</b>
8. Well Number <b>10</b>
9. OGRID Number <b>014021</b>
10. Pool name or Wildcat <b>Monument, Blinbry</b>

11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3,556' GL</b>	
--	--

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>
Pit type <b>STEEL</b> Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water <b>N/A</b>
Pit Liner Thickness: <b>STEEL</b> mil Below-Grade Tank: Volume <b>180</b> bbls; Construction Material <b>STEEL</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

**Marathon Oil Company ATTN: Donna Spears**

3. Address of Operator

**P.O. Box 3487, Houston, Texas 77253-3487**

4. Well Location

Unit Letter **L**: **1,980** feet from the **South** line and **560** feet from the **West** line  
Section **5** Township **20-S** Range **37-E** NMPM **Lea** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3,556' GL**

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **STEEL** Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water **N/A**

Pit Liner Thickness: **STEEL** mil Below-Grade Tank: Volume **180** bbls; Construction Material **STEEL**

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 ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

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

13. Describe prop used 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.

SEE ATTACHED PLUGGED WELLBORE DIAGRAM

11/20/07 Tuesday

Contacted NMOCD, Gary Wink, obtained approval of C103. Set steel pit. MIRU Triple N rig #22 and plugging equipment. Held safety meeting on rigging up. Dug out cellar. ND wellhead, NU BOP. SI pressures 0 psi on all casings. NU BOP. RIH w/ 88' its 234'.

11/21/07 Wednesday

Crew to location. Held safety meeting on weather. RU cementer and pumped 25 sx C cmt on existing CIBP 2,767 - 2,521'. PUH w/ tubing to 2,327' and pumped 25 sx C cmt 2,327 - 2,081'. PUH w/ tubing to 1,415' and pumped 25 sx C cmt 1,415 - 1,169'. PUH to 534' and circulated 60 sx C cmt 534' to surface. POOH w/ tubing. Topped off 5 1/2" casing. RDMO.

Cut off wellhead & anchors, installed dry hole marker, backfilled cellar.

**Approved as to plugging of the Well Bore.**  
**Liability under bond is retained until**  
**surface restoration is completed.**

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

TITLE **James F. Newman, P.E. (Triple N Services)** DATE **11/26/07**

Type or print name  
**For State Use Only**

E-mail address: **steve@triplenservices.com** Telephone No. **432-687-1994**

APPROVED BY: **Chris Williams**  
Conditions of Approval (if any):

OCD DISTRICT SUPERVISOR/GENERAL MANAGER  
TITLE DATE

**DEC 26 2007**

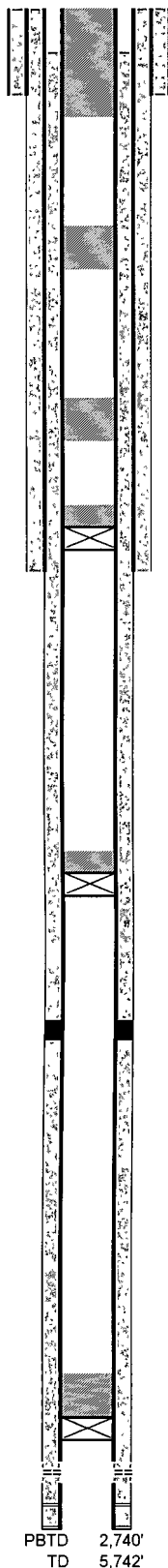
# **PLUGGED WELLBORE SKETCH** **Marathon Oil Company**

Date 26-Nov-07

RKB @ 3,573 5'  
 DF @ 3,572 5'  
 GL @ 3,555'

Lease & Well No  
 Legal Description  
 County  
 Field  
 Date Spudded  
 API Number  
 Status

**Bertha Barber #10**  
 1980' FSL & 560' FWL Sec 5, T20S, R37E  
 Lea State New Mexico  
 Monument  
 July 16, 1952 Rig Released August 31, 1952  
 30-025-05915  
 Plugged 11/21/07



13-3/8" 48# @ 520' cmt'd w/ 500 sx  
 TOC @ surface, 17" Openhole  
 60 sx C cmt 534' to surface

25 sx C cmt 1,415 - 1,169'

11" Openhole

25 sx C cmt @ 2,367 - 2,521'

circulated plugging mud

CIBP @ 2,740' w/ 35' cmt (set 08/07/02)  
 8-5/8" 24/28/32# casing @2,804' cmt'd w/  
 cmt'd w/ 1,200 sx to surface

CIBP @ 3,401' w/ 20' cmt (set May 2002)

DV Tool @ 4,109'

CIBP set @ 5,541w, 25 sx cmt (set May 2002)

5-1/2" 15,5# casing @ 5,734' cmt'd w/ 550 sx  
 TOC @ 202' (T.S.)  
 7-5/8' Openhole  
 Perfs from 5,590 - 5,622 & 5,682 - 5,705'

## **PLUGS SET 11/20 - 11/21/07**

- 1) circulated plugging mud
- 2) 25 sx C cmt 2,767 - 2,521'
- 3) 25 sx C cmt 1,415 - 1,169'
- 4) 60 sx C cmt 534' to surface

## **Capacities**

5-1/2" 15 5# csg	7 483 ft/ft3	0 1305 ft3/ft
	42 01 ft/bbl	0 0238 bbl/ft
8-5/8" 24# csg	2 797 ft/ft3	0 3575 ft3/ft
	15 700 ft/bbl	0 0636 bbl/ft
8-5/8" 28# csg	2 853 ft/ft3	0 3505 ft3/ft
	16 020 ft/bbl	0 0624 bbl/ft
8-5/8" 32# csg	2 922 ft/ft3	0 3422 ft3/ft
	16 41 ft/bbl	0 0609 bbl/ft
13-3/8" 48# csg	1 134 ft/ft3	0 8817 ft3/ft
	6 37 ft/bbl	0 1570 bbl/ft
7-5/8" openhole	3 259 ft/ft3	0 3068 ft3/ft
	18 3 ft/bbl	0 0565 bbl/ft
11" openhole	1 5153 ft/ft3	0 66 ft3/ft
	8 507 ft/bbl	0 1175 bbl/ft
17" openhole	0 6344 ft/ft3	1 5763 ft3/ft
	3 562 ft/bbl	0 2807 bbl/ft