

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
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. 30-025-33919
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: Bertha Barber
8. Well Number 16
9. OGRID Number 14021
10. Pool name or Wildcat Monument Blinbry (46990)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	2. Name of Operator Marathon Oil Company
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	4. Well Location Unit Letter K : 2140 feet from the South line and 1650 feet from the West line Section 5 Township 20-S Range 37-E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3554' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ 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:

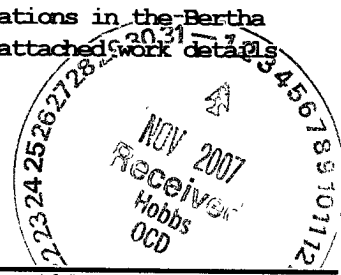
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
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.

Marathon Oil Company has completed operations to isolate existing Blinbry perforations in the Bertha Barber No 16. This work was done in order to eliminate water volumes. Please see attached work details and new wellbore diagram.



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 Charles E. Kendrick TITLE Reg Compliance Rep DATE 10/23/2007

Type or print name Charles E. Kendrick

E-mail address: cekendrix@marathonoil.com

Telephone No. 713-296-2096

For State Use Only

APPROVED BY Chris Williams

OCD DISTRICT SUPERVISOR/GENERAL MANAGER

TITLE _____ DATE DEC 26 2007

Conditions of Approval, if any:

Bertha Barber No 16
Isolate Water Producing Perforations
With CIBP

07/25/07 POOH w/ rods and insert pump. Unset TAC, Install BOP; POOH w/ production tubing. Laid down TAC. RIH w/ kill string. SI well.

07/26/07 RU Baker Atlas wireline. Test Lubricator to 1000 #. RIH w/ CIBP and GR tool. Set CIBP @ 5737' isolating perforation intervals 5744'-5760, 5770'- 5787', & 5792'-5602'. POOH w/ wireline, rigged dn Baker Atlas. RIH w/ bull plugged 3' sub, 3' perforated sub, 2 3/8" X 1.75" pump barrel, 4' sub, 7 jts 2 3/8" tbg, TAC, 88 jts 2 3/8" tbg. SI well

07/27/07 Cont in hole w/ tbg. Land EOT (bull plugged sub) @ 5736. ND BOP, Set TAC @ ~5494'. Install well head. Run pump plunger, and rods. Hang well on. L& T for pump action. Leave well pumping to facilities.

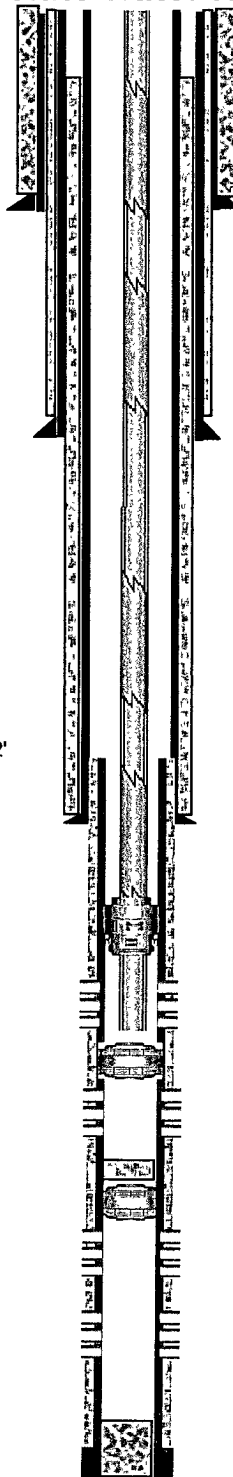


Bertha Barber No 16

Set CIBP to isolate water lower Blinebry

Marathon Oil Company
Bertha Barber No 16
29-Jul-07

Top of cmt @ 55'
on intermediate csg



Surface Casing
13 3/8" 48# H-40 set @ 490' w/ 545 sks cmt.

Intermediate Casing
8 5/8" 24# K-55 set @ 2429 w/ 980 sks cmt.

Top of 4 1/2" Liner @ 4812'

7" 23# K-55 @ 5122' set w/ 150 sks cmt

TAC @ 5494'

Bottom of tbg @ 5736'

Blinebry Perfs @ 5604'-5730' (144 holes open)
CIBP at 5737'
Blinebry Perfs @ 5744'-5802' (74 holes)

CIBP @ 5900' w/ 10' cmt on top (New PBTD 5890')
Tubb Perfs @ 6418 - 6481 66 holes

Abo Perfs @ 7204-7230 54 holes

Production Liner
4 1/2" 11.6# K-55 @ 7796' cmt w/ 235 sks cmt

Well Name & Number.	Bertha Barber No 16		Lease	Bertha Barber	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	5604' - 5730'		(TVD)		
Date Completed:	7/28/2007			RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	10/24/07	