Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-33919

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Bertha Barber

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator: Marathon Oil Company

8. Well No. 16

3. Address of Operator: P.O. Box 2490 Hobbs, NM 88241

9. Pool name or Wildcat: Monument Tubb & Abo

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 Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) KB 3570' GL 3554'

11. **Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER: DHC Tubb and Abo (DHC-2506)	☒			OTHER:	☐		

12. 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.

Marathon Oil Company will be DHC the Tubb and Abo using the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Thomas P. Kacir TITLE Production Engineer DATE 12/29/99

TYPE OR PRINT NAME Thomas P. Kacir TELEPHONE NO. 393-7106

(This space for State Use) ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

JAN 21 2000

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Bertha Barber Well No. 16
UL 'K', 2140' FSL and 1650' FWL
Section 5, T-20-S, R-37-E
Lea County, New Mexico

Date: December 28, 1999
Purpose: DHC, Tubb & Abo

Elevation: **KB:** 3570' **PBTD:** 7100' RBP, 7524' Cmt
GL: 3554' **TD:** 7800'

Surface Casing: 13-3/8", 48 lb/ft, H-40, casing set at 490'. Cemented with 545 sks, circulated cement to surface.

Intermediate Casing: 8-5/8", 24 lb/ft, K-55 casing set to 2429'. Cemented with 980 sks. Circulated cement to surface.

Intermediate Casing: 7", 23 lb/ft, K-55 Flush-Joint casing set at 5122'. Cmt'd with 150 sks. Did not have circulation. 80% of Burst = 3488 psi, Drift ID = 6.241". TOC ~ 4570'.

Production Casing: 4-1/2", 11.6 lb/ft, K-55, landed at 7796'. Bottom cemented with 235 sks. Top cemented with 450 sks. TIW orifice nipple at 4770' and TIW Hanger at 4812'. 80% of Burst = 4280 psi, Drift ID = 3.875".

Perforations: Tubb: 6418' - 6422, 6437' - 6439', 6442' - 6452', 6464' -6481' (2 JSPF)
Abo: 7204' - 7230' (2 JSPF)

PROCEDURE

1. MIRU PU. POOH with 1" fiberglass and 7/8" steel rods and 1.5" insert pump.
2. ND wellhead and NU BOP equipment. Release TAC at 6062'. RIH and tag RBP or fill. TOOH.
3. TIH with bailer and RBP retrieving tool to top of fill. Clean out fill to top of RBP. Release RBP.
4. POOH. Pick up & TIH with 4-1/2" packer. Hydro test tubing to 6100 psi. Set packer at 7125'.
5. MIRU Halliburton. Test surface lines to 5000 psi. Acidized with 4000 gallons of 15% Fercheck-SC with 100 1.3 SG ball sealers at 3-5 BPM. Flush to bottom of perfs with 2% KCl water. Surge balls off perfs after acid job. Maximum treating pressure limit = 3000 psi. RD Halliburton.
6. Flowing/swabbing back the acid load. Release packer. RIH to 7400'(checking for fill). POOH.
7. If fill is above 7400' then; TIH with bailer and clean out to PBTD. POOH.
8. TIH (from bottom to top) with slotted mud joint (2-3/8" tubing), API SN, 2 joint of 2-3/8" tubing with internally ceramic coat, 29 joints of 2-3/8" tubing, TAC and 2-3/8" tubing to surface. Land tubing at 7288', SN at 7256' and TAC at 6330'.
9. Set TAC. ND BOP equipment. NU wellhead.
10. RIH with 1.5" pump on (bottom to top) 300' x 7/8" guided Class D rods, 4350' x 7/8" Norris 97 rods and 2550' x 1" FiberGlass rods. (The rod string is 35% FG & 65% Steel)
13. Space out and hang well on. RDMO PU.
14. Connect surface equipment and start well pumping to production facilities.