

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)
30-025-05911

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☒ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Marathon Oil Company

3. Address of Operator

PO Box 2409, Hobbs, NM 88240

7. Lease Name or Unit Agreement Name

Bertha Barber

8. Well No.

6

9. Pool name or Wildcat

EUMONT
Eumont, Y, SR, QN

4. Well Location

Unit Letter L : 1980 Feet From The South Line and 660 Feet From The West Line

Section 5 Township 20-S Range 37-E NMPM Lea County

10. Proposed Depth

3460'

11. Formation

Eumont

12. Rotary or C.T.

N/A

13. Elevations (Show whether DF, RT, GR, etc.)

3559' GL, 3570' KB

14. Kind & Status Plug. Bond

N/A

15. Drilling Contractor

N/A

16. Approx. Date Work will start

Upon Approval

17. PROPOSED CASING AND CEMENT PROGRAM (existing)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	17 1/2"	40#/ft	141'	125	Cir'd.
11"	9 5/8"	36#/ft	1105'	500	Cir'd.
8 3/4"	7"	24#/ft.	3817'	400	869'

Marathon Oil Company proposes the drilling out of a CIBP at 3228' to produce a zone of the Eumont (3233-3349') that was abandoned on 12/13/88. An attempt was made to recomplate this well into the Eumont in 1988 that was uneconomic at that time. The well was than temporarily abandoned. Attached please find a wellbore sketch for your information.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Rick Gaddis R.D. Gaddis TITLE Production Engineer DATE 11/20/92

TYPE OR PRINT NAME Rick Gaddis TELEPHONE NO. (505) 393-71

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

DEC 07 '92

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR RECOMPLETION WORK ONLY--PRODUCTION FROM EUMONT GAS POOL SUBJECT APPROVAL OF NSL.

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DEC 02 1982

ODD HOUSE 011777

Submit to Appropriate
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Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease Bertha Barber		Well No. 6
Unit Letter L	Section 5	Township 20-S	Range 37-E NMPM		County Lea
Actual Footage Location of Well: 1980' feet from the South line and 660' feet from the West line					
Ground level Elev. 3559'	Producing Formation Grayburg/Eumont		Pool Eumont Eumont, Y, SR, QN		Dedicated Acreage: 320 Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____ If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____ No allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
					<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>[Signature]</i></p> <p>Printed Name: Rick Gaddis</p> <p>Position: Production Engineer</p> <p>Company: Marathon Oil Company</p> <p>Date: 11/16/92</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed: _____</p> <p>Signature & Seal of Professional Surveyor: _____</p> <p>Certificate No.: _____</p>

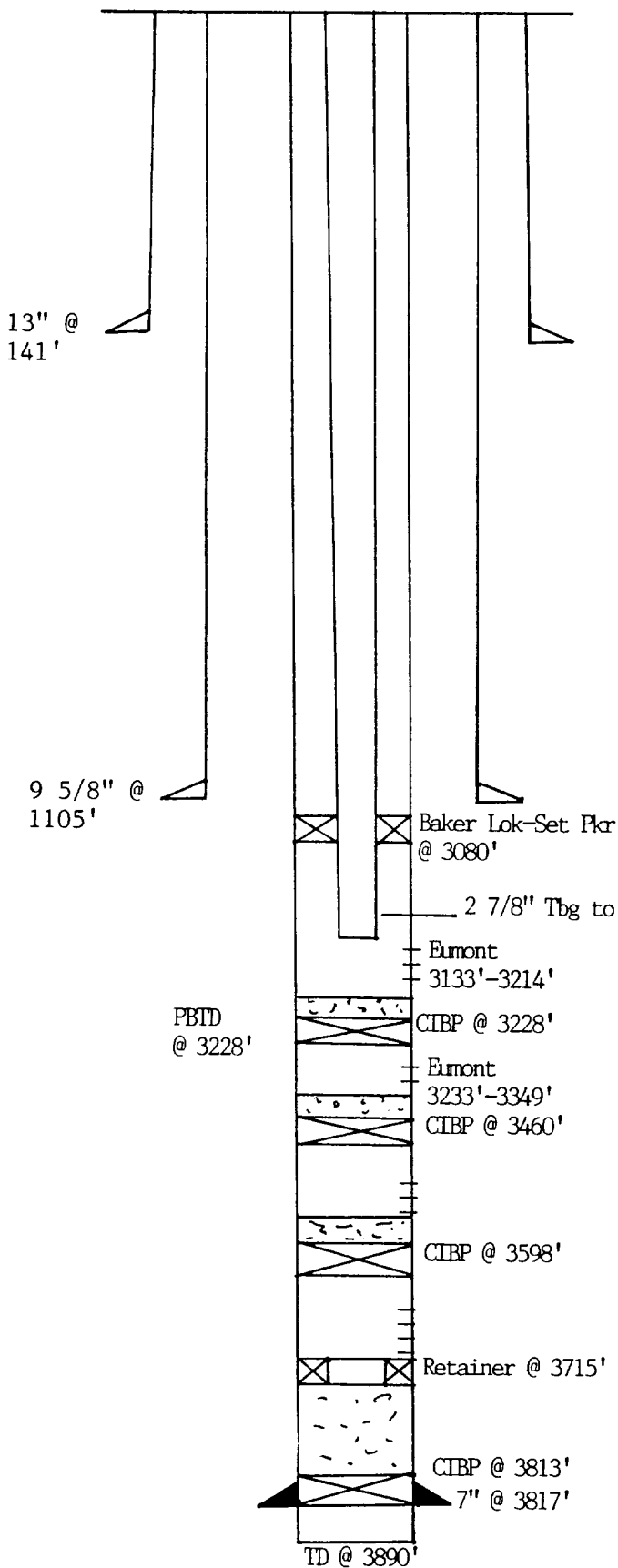
R-571 32nd AC NSP NW/4 + N/2 SW/4 S-27-37 + S/2 SW/4 32-19-37

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JOJO HOBBS OFFICE

WELL DATA SHEET



FIELD Eunice - Monument GB/SA

LEASE AND WELL NO. Bertha Barber Well No. 6

LOCATION 1980' FSL, 660' FWL, Sec. 5, T-20-S, R-37-E

COUNTY AND STATE Lea County, New Mexico

STATUS Shut-in

TD 3890' PBTD 3228' KB 3570' GL 3559'

SURFACE CASING 13", 40# set to 141' w/125 sx

(circ'd)

INTERMEDIATE CASING 9 5/8", 36" set to 1105 w/500

sx of cmt (circ'd)

PRODUCTION CASING 7", 24# set to 3817' w/400 sx

of cmt. TOC @ 869' (calculated)

TUBING 2 7/8", 6.5# 10V EUE (grade unknown),

7" Baker Lok-Set pkr @ 3080'.

LINER

RODS

PUMPING UNIT None

PRESENT COMPLETION: (Formation and Interval)

Eumont 3133'-3214'

HISTORY 12/36 - Completed open hole in Grayburg/San Andres. 10/55 - Installed pumping unit. 12/75 - Shut-in. 10/83 - Set CIBP @ 3813'. Perf'd Grayburg/San Andres @ 3730'-3807'. Acidized w/1600 gals. Produced 100% water. Set retainer @ 3715'. Sqz'd perms w/150 sx Class "C". Perf'd 3606'-3674'. Acidized w/1500 gals. Produced 100% water. Set CIBP @ 3598 Perf'd 3504'-3574'. Acidized w/1200 gals. Tested 100% water. 11/16/83 - Shut-in. 11/29/88 - Set CIBP @ 3460'. Completed in Eumont Pool F/3133'-3349'. Acidized w/6000 gals 15% HCl. Well flowed 168 MCFPD & 48 BW. Set CIBP @ 3228'. Did not regain production. SWI.

PREPARED BY: Ricky D. Gaddis
RDG/9201/kc

DATE 11/16/92

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