

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form 0101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|--|
| ¹ Operator name and Address Marathon Oil Company P.O. Box 552 Midland, Texas 79702 | | ² OGRID Number 14021 |
| ⁴ Property Code 6409 | | ³ API Number 30-015-31267 |
| ⁵ Property Name Indian Hills Unit | | ⁶ Well No. 28 |

| ⁷ Surface Location | | | | | | | | | |
|-------------------------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|-------------|
| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
| 16 | 16 | 21-S | 24-E | | 218' | South | 660' | East | Eddy |

| ⁸ Proposed Bottom Hole Location If Different From Surface | | | | | | | | | |
|--|-----------|-------------|-------------|------------|-------------------------------|------------------|---------------|----------------|-------------|
| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
| "A" | 21 | 21-S | 24-E | "A" | 660' | North | 660' | East | Eddy |
| ⁹ Proposed Pool 1 Indian Basin Upper Perm. Assoc. | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|--|---|--|---|---|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary Rotary | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 4014 |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 8600 | ¹⁸ Formation Upper Perm. Assoc. | ¹⁹ Contractor McVay | ²⁰ Spud Date 9-01-00 |

Minimum WOC time / **8** hrs.

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17.50 | 13-3/8" | 54.50# | 1800' | 950 | Surface |
| 12.25" | 9-5/8" | 40# and 53.50# | 8600' | 2610 | Surface |
| | | | | | |
| | | | | | |
| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Propose to drill a directional well to the Indian Basin Upper Perm. Assoc. Pool.
BOPE 13-5/8" 3000# dual ram, annular and rotating head.
All BOPE shall be installed and tested according to OCD Rules # 109 and # 114.
BOPE program and schematic is attached.
All casing shall be run and installed in accordance with OCD Rule # 107.

Notify OCD at SPUD & TIME
to witness cementing the
13 5/8" casing.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Jerry Fletcher

Title:

Engineer Tech.

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. CUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

JUL 25 2001

Expiration Date:

JUL 25 2001