

(July 1992)

UNITED STATES

OIL CONSERVATION DIV

811 S. 1ST ST.
MIDLAND, TX 79702FORM APPROVED
OMB NO. 1004-0136

Expires: February 28, 1995

DEPARTMENT OF THE INTERIOR

MESA, NM 88210-2834

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

| | | | | |
|--|--|--|---------------|---|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM05551 | | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | |
| 2. NAME OF OPERATOR Marathon Oil Company <i>14021</i> <i>ATTN: W.J. DUEASE</i> | | 7. UNIT AGREEMENT NAME NORTH INDIAN BASIN <i>6411</i> | | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 552, Midland, TX 79702 <i>915/682-1626</i> | | 8. FARM OR LEASE NAME, WELL NO. N. INDIAN BASIN UNIT #27 | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2340' FSL & 255' FWL At proposed prod. zone 2151' FSL & 842' FWL <i>Unit L OIL CON. DIV.</i> | | 9. API WELL NO. <i>30-015-28977</i> | | |
| 10. FIELD AND POOL, OR WILDCAT S. DAGGER DRAW, U. KENN, ASSOC. | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 11, T-21-S, R-23-E | | |
| 12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 MILES WEST OF LAKEWOOD, NM. <i>EDDY, 2</i> | | 13. STATE N.M. | | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) SEE BELOW | 16. NO. OF ACRES IN LEASE 4160' | 17. NO. OF ACRES ASSIGNED TO THIS WELL 320 - W/2 | | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. SEE BLOW | 19. PROPOSED DEPTH +8160 MD, 8100TVD | 20. ROTARY OR CABLE TOOLS ROTARY | | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3764' GL, 3775' KB | | 22. APPROX. DATE WORK WILL START* ASAP | | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 17 1/2" | 13 3/8" | 48# | 40' | CONDUCTOR-REDI MIX TO SURFACE |
| 12 1/4" | 9 5/8" | 36# | 1200' | 800 - CIRCULATE |
| 8 3/4" | 7" | 23#, 26# | 8000' | 1100 SX, CIRC. TO SURFACE (TIE BACK) MINIMUM |

WELL WAS ORIGINALLY STAKED AT 2310' FSL & 660' FWL, DUE TO THE PROXIMITY OF BONE TANK DRAW AND A SIGNIFICANT ARCHAEOLOGICAL SITE, THE SURFACE HOLE LOCATION MUST BE MOVED TO AN UNORTHODOX LOCATION. THIS WELL WILL BE DIRECTIONALLY DRILLED TO AN ORTHODOX BOTTOM HOLE LOCATION.

AN APPLICATION TO DIRECTIONALLY DRILL THIS WELL HAS BEEN MADE WITH THE NMOC UNDER RULE 111 (D).

SEE ATTACHED MULTIPONT FOR DETAIL.

#15 - SHL - 255', BHL - 842'

#18 - 1314' (BHL) DISTANCE TO NIBU #21 @ 2245' FNL & 1815' FWL.

DD -

NSL -

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W.J. DUEASE FOR DPN TITLE DRILLING SUPERINTENDENT DATE 01-17-96

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____

TITLE _____

AREA MANAGER

DATE _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer 00, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|---|---|
| API Number 30-015-28977 | Pool Code 15475 | Pool Name S. DAGGER DRAW (U. PENN, ASSOC) |
| Property Code 6411 | Property Name NORTH INDIAN BASIN UNIT | Well Number 27 |
| OGRID No. 014021 | Operator Name MARATHON OIL COMPANY | Elevation 3764 |

Surface Location

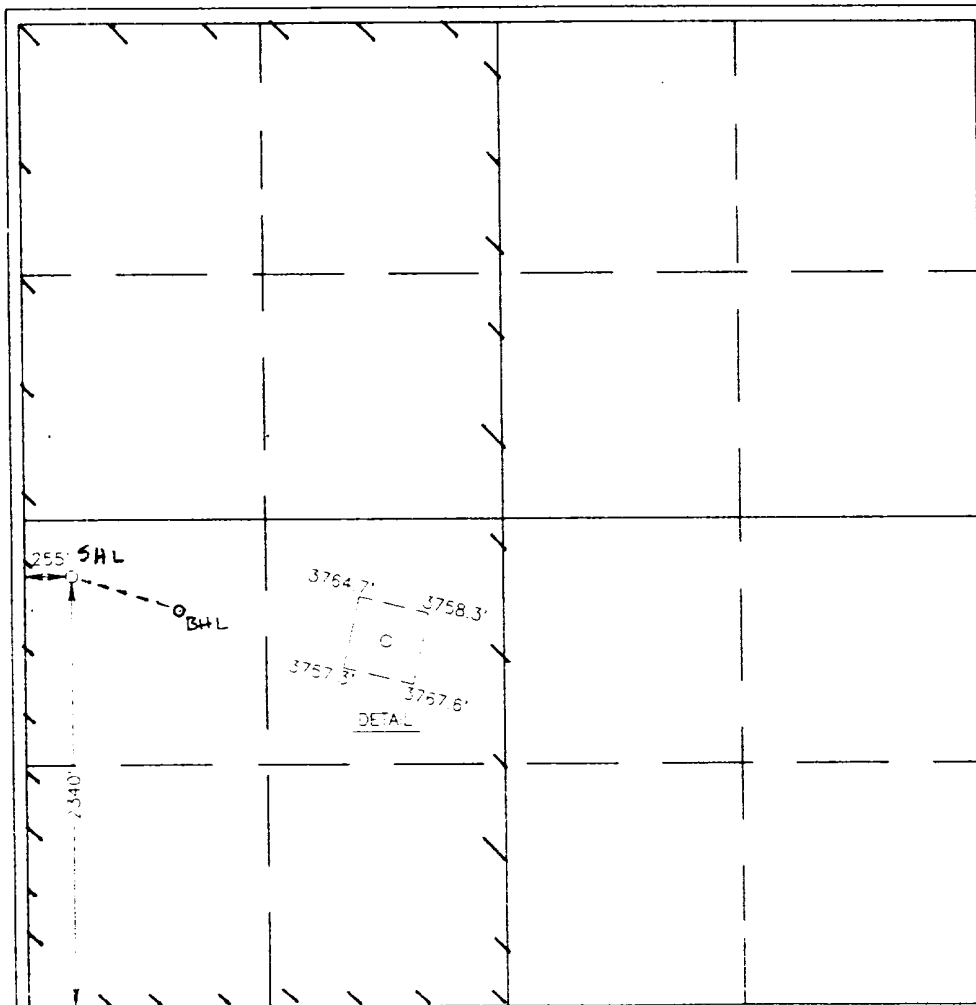
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L | 11 | 21 S | 23 E | | 2340 | SOUTH | 255 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L | 11 | 21 S | 23 E | | 2151 | SOUTH | 842 | WEST | EDDY |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320 W/2 | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | |
|---|---|
|  | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>W.J. DUEEAM FORORD Signature D. P. NORDT Printed Name DRILLING SUPERINTENDENT Title 2/2/96 Date</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 belief.</p> <p>DECEMBER 5, 1995 Date Surveyed Signature & Seal of Professional Surveyor 12-11-95 W.O. No. 95-11-110</p> |
| | <p>Certificate No. 676 3039 1264</p> |
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