

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

clg  
625  
54  
of

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

OIL CONSERVATION DIVISION

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

JUN 24 1993

API NO. (assigned by OCD on New Wells)  
30-015-27486

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
E - 10083

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 ☐

7. Lease Name or Unit Agreement Name

INDIAN HILLS STATE COMM.

2. Name of Operator

Marathon Oil Company

8. Well No.

8

3. Address of Operator

P.O. Box 552 Midland, Tx. 79702

9. Pool name or Wildcat

SOUTH DAGGER DRAW

4. Well Location

Unit Letter M : 976 Feet From The SOUTH Line and 660 Feet From The WEST Line

Section 36

Township 20 - SOUTH

Range 24 - EAST

NMPM EDDY

County

10. Proposed Depth

8200'

11. Formation

UPPER PENN

12. Rotary or C.T.

ROTARY

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

3631' GR

14. Kind & Status Plug. Bond

BLANKET/ CURRENT

15. Drilling Contractor

UNKNOWN

16. Approx. Date Work will start

JULY 25, 1993

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	CONDUCTOR - 55	40'	REDI-MIX	SURFACE
12-1/4"	9-5/8"	32.3	1200'	900	SURFACE
8-3/4"	7"	23, 26	8200'	920	+/- 1000'

WELL IS A PROPOSED 8200' SOUTH DAGGER DRAW, UPPER PENN PRODUCER. BLOWOUT PREVENTION EQUIPMENT WILL BE APPLIED AS FOLLOWS: SURFACE HOLE - 16-3/4" 2M ANNULAR AS DIVERTER, TO BE FUNCTION TESTED; PRODUCTION HOLE - 11" 3M DUAL RAM, ANNULAR, & CHOKE MANIFOLD, TESTED TO 3000# W/ PERIODIC FUNCTION TESTS. ALL BOP'S WILL BE INSTALLED & TESTED IN ACCORDANCE TO NMOC Rule #109. ALL CASING SHALL BE RUN & CMT'D IN ACCORDANCE TO NMOC Rule #107. DUE TO POSSIBLE H2S IN THE UPPER PENN, HYDROGEN SULFIDE SAFETY & DETECTION EQUIPMENT WILL BE INSTALLED FOR SERVICE BY 3000'. DUE TO THE STINKING DRAW ARROYO, THIS WELL WILL BE INTENTIONALLY DEVIATED. KOP - 6000', BHL @ 590 OF U.PENN PAY - 710'FWL & 786'FSL. BHL @ TD - 731'FWL & 705'FSL. PROPOSED DEVIATION - 9.46 DEG. @ 8022'MD, 8000'TVD.

IO-1  
625-93  
W&AP

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

*Cecil T. Pearce*

TITLE

DRILLING SUPERINTENDENT

DATE

6-21-93

TYPE OR PRINT NAME

CECIL T. PEARCE

TELEPHONE NO. 915 682-1626

(This space for State Use)

APPROVED BY

*Mark Kahley*

TITLE

GEOLOGIST

DATE

6-24-93

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
9 3/8 CASING

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 12-24-93  
UNLESS DRILLING UNDERWAY