

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

P.O. Box 2088  
Santa Fe, New Mexico 87508

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

MAR 17 1993

API NO. (assigned by OCD on New Wells)

30-015-27433

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.

5

3. Address of Operator

P.O. Box 552 Midland, Tx. 79702

9. Pool name or Wildcat

SOUTH DAGGER DRAW

4. Well Location

Unit Letter L : 1980

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

9650'

11. Formation

U. PENN. MORROW

12. Rotary or C.T.

ROTARY

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

3637.3'

14. Kind & Status Plug. Bond

BLANKET/ CURRENT

15. Drilling Contractor

UNKNOWN

16. Approx. Date Work will start

4/1-93

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
14.75"	10.75"	40.5	1200'	1450	SURFACE
9.875"	7.625"	26.4, 29.7	9650'	2650	+/- 1000'

DV TOOL @ 6000'

WELL IS A PROPOSED 9650' DAGGER DRAW, UPPER PENN, MORROW PRODUCER.  
BLOWOUT PREVENTION EQUIPMENT WILL BE APPLIED AS FOLLOWS: SURFACE HOLE - 16-3/4" 2M ANNULAR AS  
PREVENTER, TO BE FUNCTION TESTED. PRODUCTION HOLE - 11" 3M DUAL RAM, ANNULAR & CHOKE MANIFOLD, TESTED  
TO 3000# w PERIODIC FUNCTION TESTS.  
ALL CASING WILL BE RUN AND CEMENTED IN ACCORDANCE WITH STATE REGULATIONS.  
DUE TO POSSIBLE H2S IN THE UPPER PENN., HYDROGEN SULFIDE DETECTION & SAFETY EQUIPMENT WILL BE INSTALLED  
FOR SERVICE BY 3000'.  
DUE TO THE IRREGULAR SPACING IN THE MORROW, A HEARING DATE HAS BEEN SCHEDULED FOR APRIL 8, 1993.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 11-6-93  
FOR THE PERMITTING UNDERWAY

POST TO-1  
5-1-93  
NLSAFI

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 B.C. Wolman for C.T.P. 3/16/93 TITLE DRILLING SUPERINTENDENT DATE 3/9-93

TYPE OR PRINT NAME CECIL T. PEARCE TELEPHONE NO. 915 682-1626

(This space for State Use)

APPROVED BY Mark Kelly TITLE Deaf DATE 5-6-93

CONDITIONS OF APPROVAL, IF ANY:

\* PENDING NSL APPROVAL

CASE # 10703  
ORDER # R-9388

NOTICE TO ALL INTERESTED  
PARTIES: THE STATE OF NEW MEXICO  
IS SCHEDULED FOR APRIL 8, 1993

# OIL CONSERVATION DIVISION

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

## 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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARATHON OIL COMPANY		Lease INDIAN HILLS STATE COM.		Well No. 5
Unit Letter L	Section 36	Township 20 SOUTH	Range 24 EAST NMPM	County EDDY

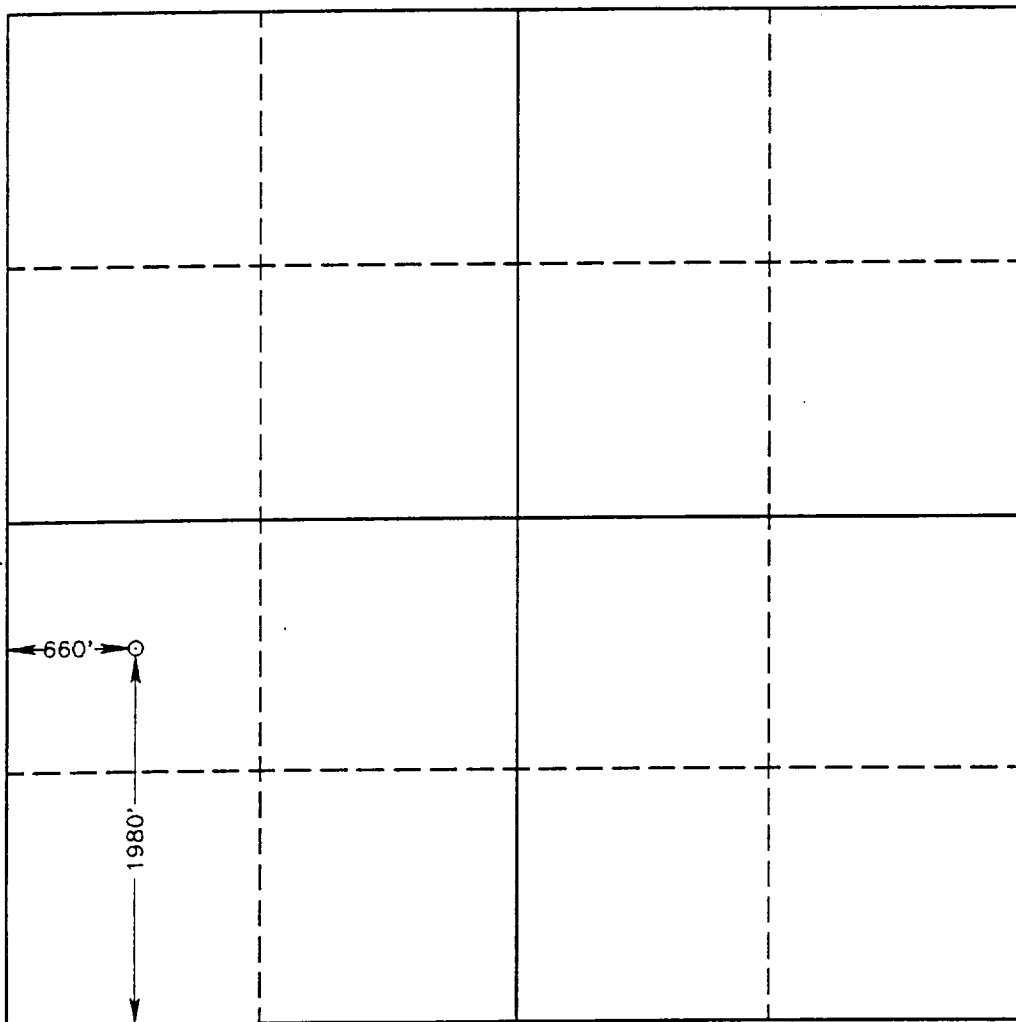
### Actual Footage Location of Well:

1980 feet from the SOUTH line and		660 feet from the WEST line	
Ground Level Elev. 3637.3'	Producing Formation U. Penn/Cemetery Morrow	Pool South Dagger Draw	Dedicated Acreage: 40/320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) \_\_\_\_\_

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



### OPERATOR CERTIFICATION

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

Signature

*Cecil T. Pearce*

Printed Name

Cecil T. Pearce

Position

Drilling Superintendent

Company

Marathon Oil Company

Date

3-09-93

### SURVEYOR CERTIFICATION

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.

Date Surveyed

MARCH 02, 1993

Signature & Seal of  
Professional Surveyor

*Gary L. Jones*  
GARY L. JONES  
NEW MEXICO  
1978  
Certificate No. JOHN W. WEST 676  
RONALD J. SIDSON 3239  
GARY L. JONES 7977

93-17-0353