

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

RECEIVED

Form C-101  
Revised 1-1-89

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

API NO. (assigned by OCD on New Wells)

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

3. Address of Operator

P O Box 552, Midland, TX 79702

8. Well No.

3

9. Pool name or Wildcat

South Dagger Draw - U/Penn

4. Well Location

Unit Letter

D

660

Feet From The

north

Line and

660

Feet From The

west

Line

Section

36

Township

20-S

Range

24-E

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'-GL

14. Kind & Status Plug. Bond

Blanket-Current

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

November 5, 1992

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	Circ
14-3/4"	9-5/8"	32.3	1200'	900	Circ
8-3/4"	7"	23.26	8200'	895	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 psi 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'.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 4-22-93  
UNLESS DRILLING UNDERWAY

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

TITLE

Drilling Supt.

DATE

10-30-92

TYPE OR PRINT NAME

C. T. Pearce

TELEPHONE NO. 915/682162

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY

TITLE

DATE

OCT 22 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
CASING