

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 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)

30-025-30788

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

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 ☐

2. Name of Operator

Mobil Producing Tx. & N.M. Inc.

3. Address of Operator

P.O. Mobil Exploration & Producing U.S. Inc.
P.O. Box 633, Midland, Texas 79702

4. Well Location

Unit Letter N : 1980 Feet From The West Line and 660' Feet From The South Line

Section 30

Township

16-South

Range 35-East

NMPM Lea

County

10. Proposed Depth
12,800

11. Formation

Atoka-Morrow

12. Rotary or C.T.

Rotary

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

4026 GL

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

Feb. 15, 1990

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2	13-3/8	48.0#	400	400	Surface
11	8-5/8	32.0#	4800	2250	Surface
7-7/8	5-1/2	17.0#	4500-12,800	1845	4500'

CASING & BOP PROGRAM:

Csg Size	Depth, Ft From To	Sec Wt	Sec Length	WUR	Grd	Cann	BOP Size	Min Stack	Min Rating
13.375	0-400	19.2	400	48.0	H40	STC	13.625	SA/SRR	3000
8.625	0-4800	160.0	4800	32.0	K55	LTC	11.000	SRRA	5000
5.500	4500-9000	76.5	4500	17.0	K55	LTC			
5.500	9000-12800	59.5	3800	17.0	L80	LTC			

WIRELINE LOGGING PROGRAM

Type of Log	Depth Run #1
DLL/MSFL/GR	5000-12800
LDT/CNL/GR	5000-12800
BHC/GR	5000-12800
DIPMETER/FMS	10000-12800
SIDEWALL CORING TOOL	6 CORES

CEMENT PROGRAM:

Sec	Sacks	Cu Ft	Slurry Description	Slurry Weight	Calc Top
Surf	400	528	Class C + 2% CaCl ₂	14.8	Surf
Intmt	2000	2985	Class C + 1.5% Sucs + .75% HC-2 + 100 scd N ₂	12.5	Surf
	250	330	Class C Neat	14.8	4500'
Prod	1275	2475	Class H + 18.5% Sk Poz + 18.5% Sk Silicate + FLA	12.0	4500'
	570	600	Class H + FLA	16.4	11000'

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 C. A. Moore

TITLE Env. & Reg. Technician II DATE 1-29-90

TYPE OR PRINT NAME C. A. Moore

Mobil Producing Texas & New Mexico Inc.
acting by and through its agent
Mobil Exploration & Producing U.S. Inc. TELEPHONE NO. (915) 688-1772

(This space for State Use)

ORIGINAL SIGNED BY MARY SEXTON

APPROVED BY DISTRICT SUPERVISOR

TITLE DISTRICT 1 SUPERVISOR DATE JAN 31 1990

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.