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U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒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

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

4. Location of Well

UNIT LETTER I LOCATED 1980 FEET FROM THE South LINEAND 660 FEET FROM THE East LINE OF SEC. 22 TWP. 17-S RGE. 35-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

State Sec. 22 Com.

9. Well No.

1

10. Field and Pool, or Wildcat
So. Shoe Bal-
Undesignated, Atoka Gas

12. County

Lea

19. Proposed Depth

12,500

19A. Formation

Atoka Gas

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

3931

21A. Kind & Status Plug. Bond

Active Blanket

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

December 15, 1988

23.

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	(1) 400	Surface
11	8-5/8	32.0#	5000	(2) 2250	Surface
7-7/8	5-1/2	17.0#	4500-12,500	(3) 1845	4500'

CASING & BOP PROGRAM:

Csg Size	Depth, Ft From To	Sec Wt	Sec Length	Wt/Ft	Grd H40	Conn STC	BOP Size	Min Stack	Min Rating
13.375	0-400	19.2	400	48.0	H40	STC	13.625	SA/SRR	3000
8.625	0-5000	160.0	5000	32.0	K55	LTC	11.000	SRRA	5000
5.500	4500-9000	76.5	4500	17.0	K55	LTC			
5.500	9000-12500	59.5	3500	17.0	L80	LTC			

CEMENT PROGRAM:

Sect	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% Suds + .75% HC-2 + 100 scf 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 Silicalite + FLA	12.0	4500'
	570	600	Class H + FLA	16.4	11000'

LOGGING PROGRAM:

Type	Interval
DLL-MSFL-GR	TD-5000
CNL-LDT-GR (CNL to surf)	TD-5000
Sonic-GR	TD-5000
Stratigraphic Dipmeter	TD-10500

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.

Signed Jerry Sexton Title Manager, Environmental & Regulatory Date November 18, 1988

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

NOV 21 1988

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

R-8734 NSL + NSP

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NOV 21 1988

NOV 18 1988

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