

Submit to: ~~Applicant~~
~~Director~~
~~State Engineer~~
~~Fee Letter - 5 copies~~

~~State of New Mexico~~
~~Energy, Minerals and Natural Resources Department~~

Form 6-10b
Revised 1-1-89

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

API NO. (assigned by OCD on New Wells)

30-025-30226

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG-3362

7. Lease Name or Unit Agreement Name

Lovington Deep State

8. Well No.

3

9. Pool name or Wildcat

South Shoe Bar - ~~re-designated well~~

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

Recomplete

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

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

4. Well Location

Unit Letter

2 G

: 1874

Feet From The

North

Line and

1980

Feet From The

East

Line

Section 1

Township

17S

Range

35E

NMPM

Lea

County

10. Proposed Depth

11,000

11. Formation

Wolfcamp

12. Rotary or C.T.

Rotary

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

2931'

14. Kind & Status Plug. Bond

Active Blanket

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
1 1/4	13-3/8	54.5#	478'	N/A	Surface
1 1/4	8-5/8	32#	5200'	N/A	Surface
1 1/4	5-1/2	15.5#, 17#	4890-1100	1250	4890

This well is presently completed in the South Shoe Bar-Upper Pennsylvanian Pool, permission is requested to plugback or recomplete in the South Shoe Bar - Wolfcamp.

1. MIRU workover unit. Unseat pump, POOH w/rods & pump. NU BOP, test.
2. RIH w/hydraset CIBP on tbq, set CIBP @ $\pm 10,650'$. Cap w/35' (4 sxs) cmt. Penn abandoned.
3. POOH w/tbq.
4. MIRU wireline company. Perforate Wolfcamp 10,248-10,436' - 2 SPF (152 holes).
5. Swap tbq until well begins to flow. Put well into test. Prepare to acidize wolfcamp w/5000 gal 15% DI NEFE HCL acid + 150.1.1 sp gr RCBS.
6. Rel packer, POOH w/pkr & tubing.
7. RIH with fiberglass rods.
8. Put well on rod pump

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.

(WELLBORE SKETCH ATTACHED)

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

SIGNATURE

Judy Dixon

Regulatory Technician

9/25/90

TYPE OR PRINT NAME

Judy Dixon

TITLE

Mobil Producing Texas & New Mexico Inc.

acting by and through its agent

Mobil Exploration & Producing U.S. TELEPHONE NO. (915) 688-2452

ORIGINAL SIGNED BY JERRY TEXTON

DISTRICT I SUPERVISOR

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

OCT 15 1990

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.