

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21288

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 Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Box 633, Midland, Texas 79701

JUL 16 1974

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
660' FNL & 650' FEL, Sec. 12, T-21-S, R26E, C. C. ARTESIA, OFFICE

At proposed prod. zone

Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

0555283

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Federal 12 Com

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 12, T21S, R26E

12. COUNTY OR PARISH 13. STATE

Eddy New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH 11,500

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3187.5 Ground

22. APPROX. DATE WORK WILL START*

As soon as possible

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# - H-40	0 - 500'	(1) Circulate to surface
12-1/4"	10-3/4"	51# - S-95	0 - 300'	(2) Circulate to surface
12-1/4"	10-3/4"	54.5# - S-95	300 - 425'	
12-1/4"	10-3/4"	45.5# - K-55	425 - 1125'	
12-1/4"	10-3/4"	40.5# - K-55	1125 - 2739'	
7-7/8"	5-1/2"	17# - K-55	0 - 7800'	
7-7/8"	5-1/2"	17# - N-80	7800 - 10800'	(3) Circulate to surface
7-7/8"	5-1/2"	17# - S-95	10800' - 11500'	

CEMENT PROGRAM:

- (1) Class H with 2% CaCl₂.
- (2) Light weight slurry and tail in with Class H Neat.
- (3) TLW mixed at 12.1#/gal and tail in with Class H Neat.

Because of Lake Avalon this well is to be drilled at an unorthodox location. Application for exception to the spacing rule was approved by the NMOCC July 29, 1974 - Order NSL-671.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED A. D. Bond A. D. Bond TITLE Proration Staff Assistant DATE July 10, 1974

(This space for Federal or State office use)

SUBJECT TO ATTACHED DEEP WELL CONTROL REQUIREMENTS DATED JUN 22 1973 APPROVAL DATE July 11 1974

APPROVED
JUL 11 1974
COMMISSIONER OF GEOLOGY
N. C. BELL
ACTING DISTRICT ENGINEER

THIS APPROVAL IS REVOKED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
OCT 12 1974

*See Instructions on Reverse Side

DECLARED WATER BASIN
1374
CIRCULED
WITNESS CEMENTING THE CASING

NOTIFY USGR IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING

RECEIVED
JUL 11 1974
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