

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WOODBINE PETROLEUM, INC.

3. ADDRESS OF OPERATOR

1445 Ross Ave., Suite 5600 Dallas, TX 75202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

990' FNL 1650' FWL

At proposed prod. zone

990' FNL 1650' FWL

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

Approximately 15.5 miles south of Maljamar

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

990' from lease line

330' from unit line

16. NO. OF ACRES IN LEASE

640

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

1400'

19. PROPOSED DEPTH

7200'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3596 GR

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#	450'	See Exhibit "F" CIRCULATE
11"	8 5/8"	24# & 32#	4250'	See Exhibit "F" CIRCULATE
7 7/8"	5 1/2"	15.50#	6700"	See Exhibit "F"

\*Should we not experience lost circulation in the Capitan Reef it is anticipated that we will downsize hole to 7 7/8" at 4250' and will not set the intermediate string of pipe.

APPROVE SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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

*Don O. Shaskulford*

TITLE Executive Vice President

DATE 2/15/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER

APPROVED BY

TITLE

CARLSBAD RESOURCE AREA

DATE

2-28-89

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side