

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0175774
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Woodbine Petroleum, Inc.			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 1445 Ross Avenue, Suite 5600 Dallas, TX 75202			8. FARM OR LEASE NAME Mobil Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650 FNL 1650 FWL At proposed prod. zone 1650 FNL 1650 FWL F.S.E.N.E.			9. WELL NO. #2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 15 miles south of Maljamar			10. FIELD AND POOL, OR WILDCAT West Lusk Delaware
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650 lease line 330 Drlg. unit		18. NO. OF ACRES IN LEASE 600	17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'		19. PROPOSED DEPTH 6700'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3590' 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 "E"
* 11"	8 5/8"	24# & 32#	4250'	See Exhibit "F"
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.

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 Richard L. Shadelford TITLE Executive Vice President DATE August 4, 1988  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Orig. Signed by Richard L. Shadelford TITLE AREA MANAGER DATE 8-5-88  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side