

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
 WILSON OPERATING CO., INC.

3. ADDRESS OF OPERATOR  
 P. O. Drawer 1978 - Roswell, NM 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 AT SURFACE  
 660' FSL and 660' FEL  
 At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE  
 1,080

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

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

19. PROPOSED DEPTH  
 7,500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3,665' GR

22. APPROX. DATE WORK WILL START\*  
 August 30, 1987

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 31117

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Sun Federal

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 33, T. 23S, R. 32E

12. COUNTY OR PARISH  
 Lea

13. STATE  
 NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 - 3/4"	8 - 5/8"	24#	500' 600'	300 sx circ. to surface
7 - 7/8"	4 - 1/2"	9.5#	7,500'	300 sx circ. to surface
		10.5#		

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 OFFICE OF THE SECRETARY  
 U.S. DEPARTMENT OF THE INTERIOR

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. WILSON OPERATING CO., INC.  
 SIGNED BY: *[Signature]* TITLE Operator DATE 8/12/87  
 (This space for Federal or State office use)

PERMIT NO. APPROVAL DATE  
 APPROVED BY: *[Signature]* TITLE DATE 8/12/87  
 CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**  
**AUG 27 1987**  
**OCD**  
**HOBBS OFFICE**