

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

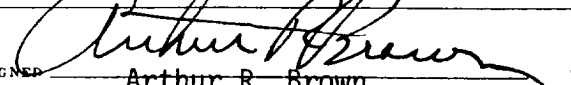
1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐  
2. NAME OF OPERATOR  
MALLON OIL COMPANY  
3. ADDRESS OF OPERATOR  
1099 18TH STREET, SUITE 2750, DENVER COLORADO 80202  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
660' FSL AND 2030' FEL OF SECTION 28  
At proposed prod. zone  
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
16 AIR MILES SOUTH-SOUTHEAST OF MALAGA, NEW MEXICO  
15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 660'  
18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 1145'  
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
2877.5' GL  
5. LEASE DESIGNATION AND SERIAL NO.  
NM-38636  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
AMOCO FEDERAL  
9. WELL NO.  
14  
10. FIELD AND POOL, OR WILDCAT  
UNDERS. BRUSHY DRAW DELAWARE  
11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
SEC. 28, T. 26 S., R. 29 E.  
12. COUNTY OR PARISH  
EDDY  
13. STATE  
NEW MEXICO  
16. NO. OF ACRES IN LEASE  
1318.02  
17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
40  
19. PROPOSED DEPTH  
5200'  
20. ROTARY OR CABLE TOOLS  
ROTARY  
22. APPROX. DATE WORK WILL START\*  
UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	400'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	14#	5200'	300 SACKS

AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED AND  
STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA  
BOP SKETCH  
SURFACE USE AND OPERATIONS PLAN

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 Arthur R. Brown TITLE Agent DATE 12-22-87  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 1-4-88  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.