

Form 3160-3
(July 1992)

811 S. 1ST ST.
ARTESIA, NM 88210-2834

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BUREAU OF LA
 SHAW OF
 OPEN
 ALL
 SP
 REIVED
 MARCH 1962
 ZONE

APPLICATION FOR PERMIT TO DRILL OR DEEPE

1a. TYPE OF WORK

DRILL **X**DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

MARALO INC. 14007 (PHILLIP SMITH)

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 832 MIDLAND, TEXAS 79702 Ph. 915-684-7441

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

430' FSL & 1750' FEL SEC. 30 T23S-R30E EDDY CO. NEW MEXICO
At proposed prod. zone SAME

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

Approximately 12 miles East of Carlsbad New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 430'
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1420'

19. PROPOSED DEPTH
7450'

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

3070' GR.

22. APPROX. DATE WORK WILL START*
As soon as approved

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface/Redi-mix
17½"	K-55 13 3/8"	54.5	650'	800 Sx. circulate cement to surf
12¼"	K-55 8 8/5"	32	3100'	1050 Sx. " " " "
7 7/8"	K-55 5½"	15.5 & 17	7450'	1500 Sx. Top Cement 2900'

1. Drill 25" hole to 40'. Set 40' of 20" conductor & cement to surface with Redi-Mix.
2. Drill 17½" hole to 650'. Run and set 650' of 13 3/8" K-55 54.5# ST&C casing. Cement with 600 Sx. Class "C" Halco Light, tail in with 200 Sx. Class "C" + 2% CaCl, Circulate cement to surface.
3. Drill 12¼" hole to 3100'. Run and set 3100' of 8 5/8" K-55 32# ST&C casing. Cement with 800 Sx. Class "C" Halco Light, tail in with 250 Sx. Class "C" + 2% CaCl circulate cement to surface.
4. Drill 7 7/8" hole to 7450'. Run and set 7450' of 5½" K-55 15.5 & 17 # LT&C casing as follows. 1000' of K-55 LT&C 17#, 6000' of 15.5# K-55 LT&C , 450' of 17# K-55 LT&C casing. Cement with 300 Sx. Halco Light, followed with 300 Sx. Class "C" + 2% CaCl tail in with 900 Sx. 50/50 POZ. Top of cement 2900'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Joe T. Jones TITLE Agent DATE 06/04/97
(This space for Federal or State office use)
PERMIT NO. Approval Subject to General Requirements and Special Conditions Attached APPROVAL DATE Posted in H.L. Files 7-25-97
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY 151 - SP/ENDORIA TITLE ACTING STATEMENT DATE 7-11-77

***See Instructions On Reverse Side**