

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Artesia, NM (Other instructions on reverse side)

C/SF

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL DEEPEN

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Matador Operating Company

3. ADDRESS AND TELEPHONE NO.
415 W. Wall, Ste 1101, Midland, TX 79701 (915) 687-5955

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 660' FNL; 860' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 13 miles east of Lake Arthur, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'
16. NO. OF ACRES IN LEASE 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA
19. PROPOSED DEPTH 9300'

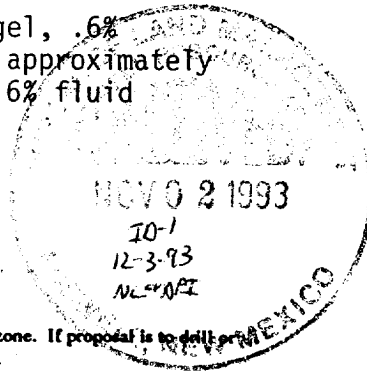
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3624' GL
22. APPROX. DATE WORK WILL START* ASAP

23. 9 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8, H-40	48#	400'	See below
11	8-5/8, J-55	24#	1800'	See below
7-7/8	4-1/2, N-80	10.5#-11.6#	9300'	See below

- 13-3/8" casing: Circulate to surface w/ 425 sx Class "C" cement containing 2% CaCl₂ and 1/4#/sk cellophane flakes
- 8-5/8" casing: Circulate to surface casing w/ 750 sx 35/65 poz, Class "C" containing 6% gel, 9#/sk salt, 1/4#/sk cellophane flakes. Tail in w/ 150 sx Class "C" with 2% CaCl₂.
- 4-1/2" casing: 1st stage cement w/ 200 sx 50/50 poz, Class "C" w/ 2% gel, .6% fluid loss additive, 5#/sx salt. Two-stage tool set @ approximately 6000'. Cement 2nd stage w/ 250 sx 50/50 poz, 2% gel, .6% fluid loss additive, 5#/sx salt.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED SURFACE MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.



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 [Signature] TITLE Operations Manager DATE 11-1-93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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 [Signature] TITLE Asst. Area Manager DATE 11/22/93

*See Instructions On Reverse Side