

NM OIL CONS. COMMISSION  
N.M. OIL CONS. COMMISSION TRIPPLICATE  
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
88210  
EX-100 33240

30-015-26323  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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 ☒ RECEIVED ☐

2. NAME OF OPERATOR THE PETROLEUM CORPORATION OF DELAWARE

3. ADDRESS OF OPERATOR 3131 Turtle Creek Blvd., Suite 400 - Dallas, Texas 75219-5415

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1980 FWL and 660 FSL  
At proposed prod. zone Same  
MAR 28 '90  
C. T. D.  
ARTESIA, OFFICE  
UT N

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
16 miles NE from Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660

16. NO. OF ACRES IN LEASE 1743.54

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 17,000

19. PROPOSED DEPTH 12,100

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3298 Ground

22. APPROX. DATE WORK WILL START\*  
Dependent on rig availability

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	450 Ft.	Circ. to surface
17-1/2"	13-3/8"	48#	1150 Ft.	Circ. to surface
12-1/4"	8-5/8"	24# & 32#	3450 Ft.	Circ. to surface
7-7/8"	5-1/2"	17# & 20#	12,000 Ft.	Calc. 10,000 Ft.

Adequate BOP's to be installed from 450 feet to total depth. See Exhibit "F" (Page 2)

Mud Program: See Exhibit "F" (Page 2)

Gas is not dedicated

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 David M. Tanager TITLE Dist. Oper. Engineer DATE 2-5-90  
(This space for Federal or State office use)

PERMIT NO.                      APPROVAL DATE                       
Orig. Signed by Richard L. Pannus AREA MANAGER  
APPROVED BY                      TITLE CARLSBAD RESOURCE DATE 3-27-90  
CONDITIONS OF APPROVAL, IF ANY:                     

\*See Instructions On Reverse Side