

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  
Petroleum Exploration Company, Inc.3. ADDRESS OF OPERATOR  
P. O. Box 809, Roswell, New Mexico 882014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1980' FNL & 660' FELAt proposed prod. zone  
Same

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

15 3/4 Miles South of Kenna, 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  
56017. NO. OF ACRES ASSIGNED  
TO THIS WELL  
4018. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 1320'19. PROPOSED DEPTH  
3850'20. ROTARY OR CABLE TOOLS  
Rotary

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

4210.4 GR

22. APPROX. DATE WORK WILL START\*  
January 5, 1981

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2'	8-5/8"	20#	370'	230 sxs. Class "C" CIRCULATE
7-7/8"	4 1/2"	9.5# (K-55)	3850'	350 sxs. Poz "C"

Selectively perforate and treat pay zone  
Attachments:Survey Plat (C-102)  
Supplemental Drilling Data  
Surface Use Plan

RECEIVED

DEC 2 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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 Gerald E. Harrington TITLE PresidentDATE December 1, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DISTRICT ENGINEER

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE DEC 15 1980