

30-005-21053

N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBBS, NEW MEXICO 88240
UNITED STATES

SUBMIT IN DUPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42 R1425.

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 RESOLUTIVE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Petroleum Exploration Company, Inc.

3. ADDRESS OF OPERATOR
Post Office Box 809, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface: 1073' FNL & 2023' FEL

At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
19 miles South of Kenna, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1073'

16. NO. OF ACRES IN LEASE
1,133.82

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 450'

19. PROPOSED DEPTH
4,000

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4198 GL

22. APPROX. DATE WORK WILL START*
12-10-85

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# J-55	1,200	450 SXS-Circ. to Surface
7-7/8"	4-1/2"	9.5# J-55	TD	300

Petroleum Exploration Company, Inc. proposes to drill to approximately 4,000' to sufficiently test the San Andres formation. Set 8-5/8" casing to 1,200', circulate to surface. W.O.C. 12 hours. Test B.O.P. and surface casing to 1,200 psi for 30 minutes before drilling out. 4-1/2" casing will be set to T.D. if logs indicate a favorable commercial zone. Completion will be accomplished by jet perforation into indicated pay intervals and acidizing and/or fracturing as needed.

A 3000# double ram B.O.P. will be installed and tested before drilling below the 8-5/8" casing. B.O.P. rams will be tested daily.
See attached "Supplemental Multi-Point Drilling Plan."
Gas is not dedicated to a pipeline.

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 A.D. Solsbery TITLE President DATE 12-3-85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY S/Phil Kirk TITLE Area Manager DATE 1.13.86

CONDITIONS OF APPROVAL, IF ANY:



RECEIVED

JAN 14 1986

REG.
RECORDS OFFICE