

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-20974

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 067707
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Petroleum Exploration Company, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Post Office Box 809, Roswell, New Mexico 88201		8. FARM OR LEASE NAME Siete Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2310' FSL & 990' FEL		9. WELL NO. #5
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Siete - San Andres
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 miles South of Kenna, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T8S, R31E
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'	16. NO. OF ACRES IN LEASE 1,133.82	12. COUNTY OR PARISH Chaves
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 466.69'	19. PROPOSED DEPTH 4,000'	13. STATE NM
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4202' GL	20. ROTARY OR CABLE TOOLS Rotary	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
22. APPROX. DATE WORK WILL START* 7-31-84		

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	14"	42.0# H-40	40'	Grout to surface
12-1/4"	8-5/8"	24.0# J-55	1,200'	450 sxs. - Circ. to surface
7- 7/8"	4-1/2"	9.5# J-55	TD	300 sxs.

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 perforating 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

Wesley Boylan

TITLE

Secretary/Treasurer

Petroleum Exploration Co.

DATE 7-3-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Levi Deike, Acting

TITLE

Area Manager

DATE

7-12-84

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUL 16 1984

O.C.C.
HOSSE OFFICE