

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" 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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <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 & 1980' FWL At proposed prod. zone Same			9. WELL NO. #6	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 Miles South of Kenna, New Mexico			10. FIELD AND BLOCK OR WELL IDENTIFICATION Siete-San Andres	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T8S, R31E	
16. NO. OF ACRES IN LEASE 1,133.82			12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'			19. PROPOSED DEPTH 4000'	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* 5-1-85	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 4193 GL			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 Wesley Bogdan TITLE Secretary/Treasurer DATE 4-3-85
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Area Manager TITLE Area Manager DATE 4-17-85
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 18 1985

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FBI OFFICE