

30-041-20531

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
L-4401

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Enserch Exploration, Inc.

3. Address of Operator  
7701 N. Stemmons Frwy., Suite 800, Dallas, Texas 75247

4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE south LINE  
AND 660 FEET FROM THE west LINE OF SEC. 16 TWP. 4S RGE. 33E NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
Amoco-State

9. Well No.  
1

10. Field and Pool, or Wildcat  
North Peterson  
Fusselman

12. County  
Roosevelt

19. Proposed Depth  
8100'

19A. Formation  
Pre-Cambrian Granite

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
4387.7 Gr.

21A. Kind & Status Plug. Bond  
American Insurance  
5171534

21B. Drilling Contractor  
Rial Drilling Company

22. Approx. Date Work will start  
April 15, 1980

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	40#	350'	400	Surface
12-1/4"	8-5/8"	24#	2000'	1150	Surface
7-7/8"	5-1/2"	15.5#	8100'	800	6000'

Drill to 8100' in search of oil. Will set 13-3/8" surface pipe. A 13-3/8" 3000# bradenhead and 12" 3000# BOP will be installed before drilling the intermediate hole. After 8-5/8" casing is set, an 8-5/8" 5000# bradenhead will be installed. A 12" 5000# double hydraulic BOP and a 12" 3000# Hydril will be installed on 8-5/8" bradenhead. A 3000# choke manifold will be used from 2000' to total depth.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed C. H. Peoples Title Regional Drilling Manager Date March 17, 1980

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE MAR 20 1980

CONDITIONS OF APPROVAL, IF ANY: