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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FILE

5. State Oil & Gas Lease No.

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"/>		7. Unit Agreement Name
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"/>		8. Farm or Lease Name Lambirth
2. Name of Operator Enserch Exploration, Inc.		9. Well No. 6
3. Address of Operator 7701 N. Stemmons Freeway, Suite 800, Dallas, Texas 75247		10. Field and Pool, or Wildcat South Peterson Fusselman
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>810</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>31</u> TWP. <u>5-S</u> RGE. <u>33-E</u> NMPM		12. County Roosevelt
19. Proposed Depth 8000'		19A. Formation Pre-Cambrian Granite Rotary
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4381.4 Gr
21A. Kind & Status Plug. Bond American Insurance 5171534		21B. Drilling Contractor Sharp Drilling Co.
22. Approx. Date Work will start December 22, 1978		

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#	50	40	Surface
12-1/4	8-5/8	24#	2000	1150	Surface
7-7/8	5-1/2	15.5#	8000	800	6000'

Drill exploratory to 8,000' in search of oil. Will set 13-3/8" conductor pipe. A 13-3/8" 3000# braden head and 12" 3000# BOP will be installed before drilling the surface hole. After 8-5/8" casing is set an 8-5/8" 5000# braden head will be installed. A 12" 5000# double hydraulic BOP and a 12" 3000# Hydril will be installed on 8-5/8" braden head. A 3000# choke manifold will be used from 2,000' 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 [Signature] Title Drilling Supervisor Date December 7, 1978

(This space for State Use)
APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE DEC - 8 1978

CONDITIONS OF APPROVAL, IF ANY: Surface casing must be set through the Ogallala formation