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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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. 10	
3. Address of Operator 7701 N. Stemmons Frwy., Suite 800, Dallas, Texas 75247		10. Field and Pool, or Wildcat S. Peterson - Fusselman	
4. Location of Well UNIT LETTER D LOCATED 810 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 31 TWP. 5-S RGE. 33-E NMPM		12. County Roosevelt	
19. Proposed Depth 8000'		19A. Formation Pre-Cambrian Granite	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4384.4 Gr.	
21A. Kind & Status Plug. Bond American Insurance 5171534		21B. Drilling Contractor Rial Drilling Company	
22. Approx. Date Work will start July 15, 1980			

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 replacement well to 8,000' in search of oil. Will set 13-3/8" conductor pipe. A 13-3/8" 3000# bradenhead and 12" 3000# BOP will be installed before drilling the surface 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# Hydriil will be installed on 8-5/8" bradenhead. A 3000# choke manifold will be used from 2,000' to total depth.

This will be a replacement for the Lambirth No. 6's Fusselman zone.

*****Surface casing must be set through the fresh water prior to drilling into the salt.**

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. Peeples Title Regional Drilling Manager Date April 8, 1980
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE APR 17 1980
CONDITIONS OF APPROVAL, IF ANY:

*****SEE ABOVE**