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1A. Indicate Type of Lease
STATE FEDERAL

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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Term or Lease Name Ivey
2. Name of Operator Enserch Exploration, Inc.			9. Well No. 1
3. Address of Operator 1230 River Bend Drive, Suite 136, Dallas, TX 75247			10. Field and Pool, or Wildcat Undesignated
4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>29</u> TWP. <u>4S</u> RGE: <u>33E</u> NMPM			12. County Roosevelt
19. Proposed Depth 8200'		19A. Formation Mississippian Lime	20. Rotary or C.T. Rotary
21. Elevations (Show whether IP, KI, etc.) 4365' GR	21A. Kind & Status Plug. Bond American Insurance 5171534	21B. Drilling Contractor Republic Drlg. & Service	22. Approx. Date Work will start July 15, 1981

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"	48#	350'	400	Circ. to surfa
12-1/4"	9-5/8"	36#	2000'	1150	Circ. to surfa
8-3/4"	5-1/2"	15.5# & 17.0#	8200'	950	6000'

Drill to 8200' in search of oil. Will set 13-3/8" surface casing. A 13-3/8" 3000 psi bradenhead and a 12", 3000 psi BOP will be installed before drilling the intermediate hole. After 9-5/8" casing is set, a 9-5/8", 3000 psi bradenhead will be installed. A 12", 3000 psi double hydraulic BOP and a 12", 3000 psi Hydril will be used from 2000' to total depth.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11/17/82
UNLESS DRILLING UNDERWAY

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 /RSB Title Regional Drilling Manager Date July 7, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JUL 20 1981

CONDITIONS OF APPROVAL, IF ANY: