

30-005-61442
Form C-101
Revised 10-1-78

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5A. 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 ☒ DEEPEN ☐ PLUG BACK ☐				7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐				8. Form or Lease Name J. G. O'Brien	
c. Name of Operator Enserch Exploration, Inc. ✓				9. Well No. 5	
d. Address of Operator 1230 River Bend Drive #136 - Dallas, Texas 75247				10. Field and Pool, or wildcat Und South Elkins Fusselman	
e. Location of Well UNIT LETTER K LOCATED 2130 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 31 TWP. 7-S RGE. 29-E				12. County Chaves	
11. Elevations (Show whether Dr. H.L. etc.) 4051.6 GR		19. Proposed Depth 6900'		19A. Formation Fusselman Dolo	
21A. Kind & Status Plug. Bond American Insurance 5171534		21B. Drilling Contractor Republic Drilling		20. Rotary or C.T. Rotary	
22. Approx. Date Work will start March 25, 1982					

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'	300	Circ. to Surf.
12-1/4"	9-5/8"	36#	2800'	1150	Circ. to Surf.
8-3/4"	5-1/2"	15.5#	6900'	450	6000'

Drill to 6900' in search of oil. Will install a 13-3/8" x 3000 psi bradenhead and 12" x 3000 psi BOP equipment on surface casing. After setting 9-5/8" casing, will remove 13-3/8" bradenhead, and install a 9-5/8" x 5000 psi wellhead. A 12" x 3000 psi double hydraulic BOP and a 12" x 3000 psi Hydril will be installed on the 9-5/8" wellhead. A 3000 psi choke manifold will be used from 2800' to total depth.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-2-82
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 PRODU-
TIVE 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 February 23, 1982
(This space for State Use)

APPROVED BY Mike Wilkin TITLE OIL AND GAS INSPECTOR DATE MAR - 2 1982
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form
Supersedes L-1-77
Effective 1-1-85

All distances must be from the outer boundaries of the Section

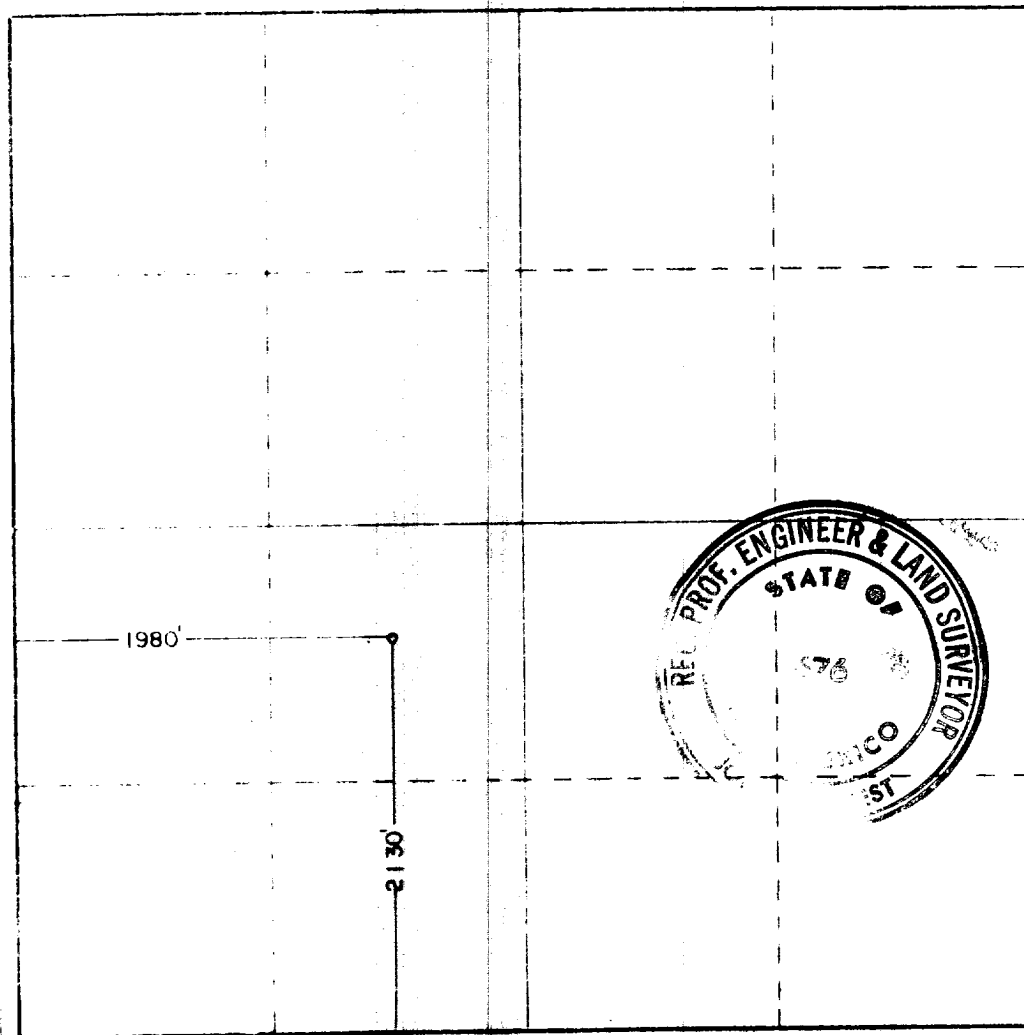
ENSERCH EXPLORATION INC.		Lease J.C. O'BRIEN		Well No. 5
K	31	Township 7 SOUTH	Range 29 EAST	County CHAVES
2130		SOUTH		1980 WEST
4051.6		Formation Fusselman Dolomite	Pool South Elkins-Fusselman	Dedicated Acreage 80

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by commonitization, unitization, force-pooling, etc?

Yes ☐ No ☐ If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form, if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by commonitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

C. H. Peebles

Name
C. H. Peebles
Position
Regional Drilling Manager
Company
Enserch Exploration, Inc.

Date
February 23, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
2-15-82

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239

130 660 930 1320 1650 1980 2310 2640 2000 1800 1000 800