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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 23 1980

O. C. D.  
ARTESIA OFFICE

30-005-60731  
Form C-101  
Rev. 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name J. G. O'Brien
9. Well No. 2
10. Field and Pool, or Wildcat Wildcat
12. County Chaves
19. Proposed Depth 6800'
19A. Formation Fusselman
20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RT, etc.) 3998.1 GR
21A. Kind & Status Plug, Bond American Insurance #5171584
21B. Drilling Contractor Republic Drilling Company
22. Approx. Date Work will start June 26, 1980

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator Enserch Exploration, Inc. ✓	3. Address of Operator 1230 River Bend Drive, Suite 136, Dallas, Texas 75247	4. Location of Well UNIT LETTER <u>EM</u> LOCATED <u>1980 660</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>3130</u> TWP. <u>7S</u> RGE. <u>29E</u> NMPM
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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#	400'	300	Circ. - Surface
12-1/4"	9-5/8"	36#	2750'	1,150	Circ. - Surface
8-3/4"	5-1/2" or 7"	15.5# or 26#	6800'	450	7000'

Drill to 6800' in search of oil. Will install a 13-3/8", 3000 psi Bradenhead and 12", 3000 psi BOP equipment on surface casing. After setting 9-5/8" casing, a 9-5/8" x 10", 5000 psi Bradenhead will be installed. A 10", 5000 psi double ram hydraulic operated BOP and 10", 3000 psi annular BOP will be installed. A 3000 psi choke manifold will also be installed.

Gas and oil, at this time, has not been dedicated to purchaser.

APPROVAL AND  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 9-24-80

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 June 19, 1980

(This space for State Use)

APPROVED BY W. A. Gressett SUPERVISOR, DISTRICT II DATE JUN 24 1980

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
 PL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Ensarch Exploration, Inc.,</b>		Lease <b>J.G. O'Brien</b>		Well No. <b>2</b>
Unit Letter <b>M</b>	Section <b>30</b>	Township <b>7 South</b>	Range <b>29 East</b>	County <b>Chaves</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3998.1</b>	Producing Formation <b>Fusselman</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>40.37</b> Acres	

- 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 communitization, 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 communitization, unitization, forced-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. Peeples*

Name  
**C. H. Peeples**  
 Position  
**Regional Drilling Manager**  
 Company  
**Ensarch Exploration, Inc.**  
 Date  
**June 19, 1980**

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  
**June 18, 1980**  
 Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6663**  
**Ronald J. Eidson 3239**

