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NEW MEXICO OIL CONSERVATION COMMISSION

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FEB 27 1980

O. C. D.

30-005-60675

Form C-101
Revised 1-4-65

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name J. G. O'Brien	
2. Name of Operator Enserch Exploration, Inc. ✓		9. Well No. 1	
3. Address of Operator 7701 N. Stemmons Frwy., Suite 800, Dallas, Texas 75247		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 31 TWP. 7S RGE. 29E NMPM		12. County Chaves	
19. Proposed Depth 7400'		19A. Formation Fusselman	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4020 Gr. L.	
21A. Kind & Status Plug. Bond American Insurance No. 5171534		21B. Drilling Contractor Rial Drilling Company	
22. Approx. Date Work will start April 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"	48#	400'	300	Circ. - Surf.
12-1/4"	9-5/8"	36#	2000'	1150	Circ. - Surf.
8-3/4"	5-1/2" or 7"	15.5# or 26#	7400'	450	7000'

Drill to 7400' in search of gas. Will install 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, at this time, has not been dedicated to purchaser.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 6-1-80

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. Peoples Title Drilling Mngr., Western Region Date February 18, 1980

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT DATE MAR 11 1980

CONDITIONS OF APPROVAL, IF ANY:

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MAR 16 1980

O. C. D.

ARTESIA OFFICE

V MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

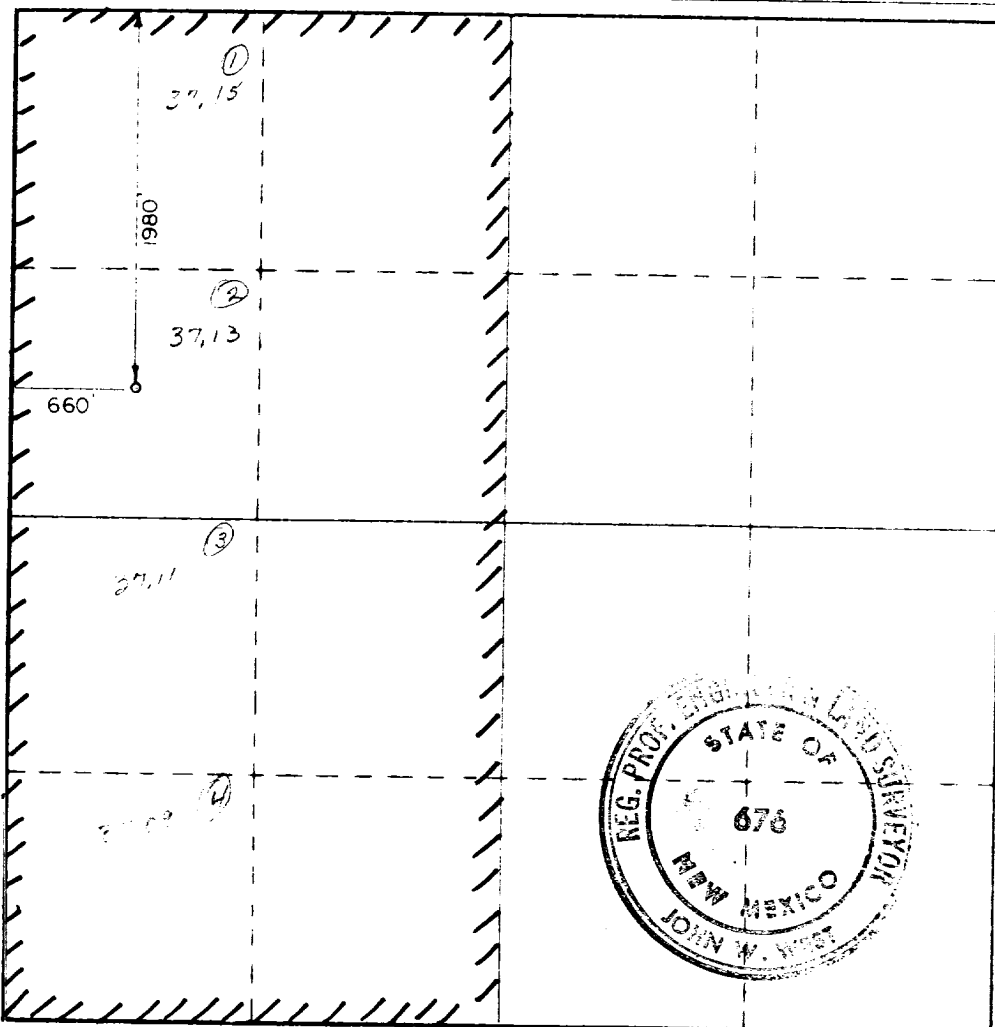
All distances must be from the outer boundaries of the Section.

Operator Enserch Exploration Inc.			Lease J. G. O'Brien			Section 1		
Quarter E	Section 31	Range 7 South	Township 29 East		County Chaves			
Distance from the North 1980			Distance from the West 660			Well Name Wildcat		
Well Elev. Elev. 4020.0		Producing Formation Fusselman		Foot		Well No. 308.47320		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 3. 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?
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ARTESIA, OFFICE
- ☐ 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

C. H. Peeples

Regional Drilling Manager

Enserch Exploration, Inc.

February 18, 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

2-4-1980

Registered Professional Engineer
 in the State of New Mexico

John W. West

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



March 7, 1980

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P.O. Drawer DD
Artesia, New Mexico 88210

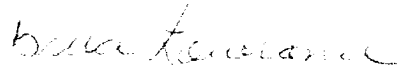
Re: Form C-101
J. G. O'Brien No. 1 well
Chaves County, New Mexico

Dear Mr. Gressett:

Attached please find the original and four copies of Form C-101, application to drill, on the above mentioned well.

We are resubmitting this form per your attached letter, dated March 4, 1980. If additional information is required, please let us know.

Respectfully,



Bruce Lowrance
Enserch Exploration, Inc.
Drilling Engineer

BL/km

Attachment



BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

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MAR 7 1980

WEST DRILLING

March 4, 1980

P.O. DRAWER 00
ARTESIA, NEW MEXICO 88210
(505) 748-4881
748-1283

Enserch Exploration, Inc.
7701 N. Stemmons Frwy.
Suite 800
Dallas, Texas 75247

Re: J. G. O'Brien
#1-E-31-7-29
Chaves County, NM

Gentlemen:

We are returning the enclosed form C-101 on the subject well for corrections and additional information.

The surface casing must be set at approximately 400', and please show whether or not the gas is dedicated to a purchaser.

If you have any questions concerning this matter, feel free to contact me.

Sincerely,

W. A. Gressett
Supervisor, District II

WAG:ar
Encls.