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OPERATOR	

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-9089	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work		7. Unit Agreement Name	
		---	
2. Type of Well		8. Farm or Lease Name	
DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		New Mexico BW State	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No.	
Name of Operator		2	
Exxon Corporation		10. Field and Pool, or Wildcat	
Address of Operator		Undesignated, Abo	
Box 1600, Midland, Texas 79702			
Location of Well		12. County	
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE		Chaves	
MD 1980 FEET FROM THE West LINE OF SEC. 20 TWP. 8S RGE. 33E NMPM			
		19. Proposed Depth	
		8900' PB	
		19A. Formation	
		Abo	
		20. Rotary or C.T.	
		Workover Rig	
1. Elevations (Show whether DF, KT, etc.)		21A. Kind & Status Plug. Bond	
4403' RDB		Blanket	
		21B. Drilling Contractor	
		Unknown	
		22. Approx. Date Work will start	
		Upon Approval	

## 3. CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10 3/4"	32.75	399'	375	surface
9 7/8"	7 5/8"	2.4	3607'	500	1000'
6 3/4"	4 1/2"	9.5 & 11.6	9030'	300	5400'

The casing and cement program was used in drilling this well in October, 1964. In October, 1974, this well was plugged back to 9000' in same reservoir. It is proposed to plug back from Tobac Pennsylvanian to Undesignated, Abo by setting cast iron bridge plug at 8900'; circulating hole with clean brine water; and testing casing to 1000 psi.

## Perforations (Proposed)

Interval	Density	Shots
8162-8210'	1 Spf	48
8258-8270'	2 Spf	25

## Acidizing

14000 gal. inhibited 20% NE HCl  
continuing 5 gal. F75N surfactant and 6 gal. citric acid per 1000 gal.

1. 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 Melba Tripling Title Unit Head Date 8-20-84  
(This space for State Use)

Eddie W. Seay

VED BY Oil & Gas Inspector

TITLE

DATE

AUG 23 1984

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Federal Les. No. \_\_\_\_\_ All distances must be from the outer boundaries of the Section.

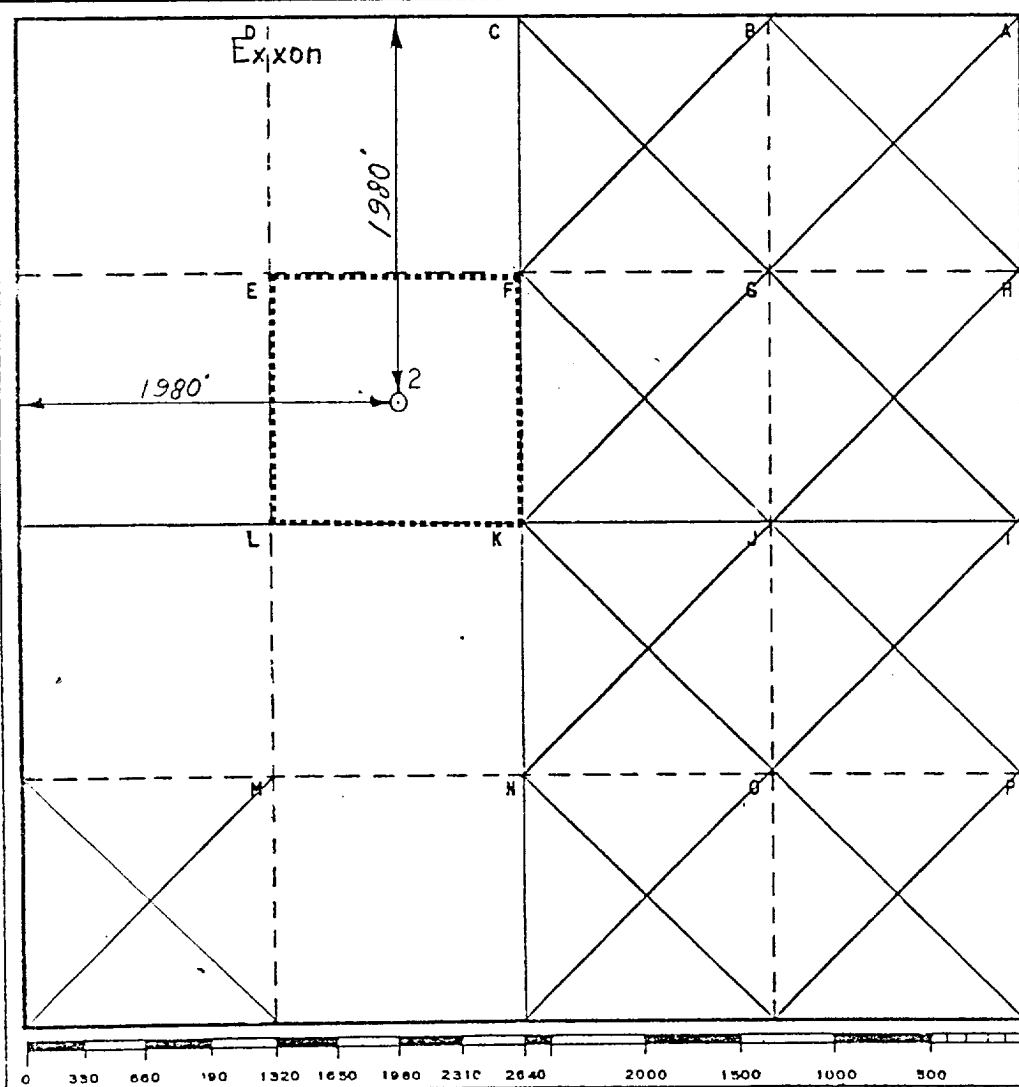
Operator Exxon Corporation			Lease New Mexico State "BW"		Well No. 2
Unit Letter F	Section 20	Township 8 South	Range 33 East	County Chaves	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground Level Elev:	Producing Formation ABO	Pool Undesignated Abo	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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?

☐ 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.

Name  
Melba Knippling

Position  
UNIT HEAD

Company Exxon Corporation  
 Box 1600 Midland, Texas

Date  
8-21-84

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  
8-3-84  
 Registered Professional Engineer  
 and/or Land Surveyor

Certificate No.  
46595 Texas

2.1 miles West of Midland, New Mexico

C.E. Sec. File No. W-A-3589

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