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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
E-8181

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
b. Type of Well  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name  
--  
8. Farm or Lease Name  
New Mexico "BP" State

2. Name of Operator  
Exxon Corporation  
3. Address of Operator  
Box 1600, Midland, Texas 79702

9. Well No.  
3  
10. Field and Pool, or Wildcat  
Vacuum - Abo Reef

1. Location of Well  
UNIT LETTER K LOCATED 2275 FEET FROM THE South LINE  
AND 1969 FEET FROM THE West LINE OF SEC. 7 TWP. 18S RGE. 35E NMPM

10. Field and Pool, or Wildcat  
Vacuum - Abo Reef  
Vacuum - Grayburg - San Andres

12. County  
Lea

12. County  
Lea

11. Elevations (Show whether DF, RT, etc.) 3968' GR	21A. Kind & Status Plug. Bond Blanket	19. Proposed Depth 9000'	19A. Formation Abo Reef & Grayburg - San Andres	20. Rotary or C.T. Rotary
21B. Drilling Contractor Unknown		22. Approx. Date Work will start 2nd Qtr. '84		

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"	54.5	500	500	Surface
12 1/4"	9 5/8"	36	5000	1000	Surface
7 7/8"	5 1/2"	14 & 15.5	9000	1500	tie into intermediate

Mud:

0-500 Spud Mud 8.4 ppg  
500-5000' BW 10.0 ppg  
5000-9000' FW Mud 8.6-9.0 ppg

BOP: Type II C 3000

Diagrammatic sketch and specifications of BOP are attached.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 9/30/84  
UNLESS DRILLING UNDERWAY

4. 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.

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

Signed Melba Knipling Title Unit Head Date 3-23-84

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAR 30 1984

CONDITIONS OF APPROVAL, IF ANY:

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G.C.D.

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MAR 26 1984

G.C.D.

HOBBS OFFICE

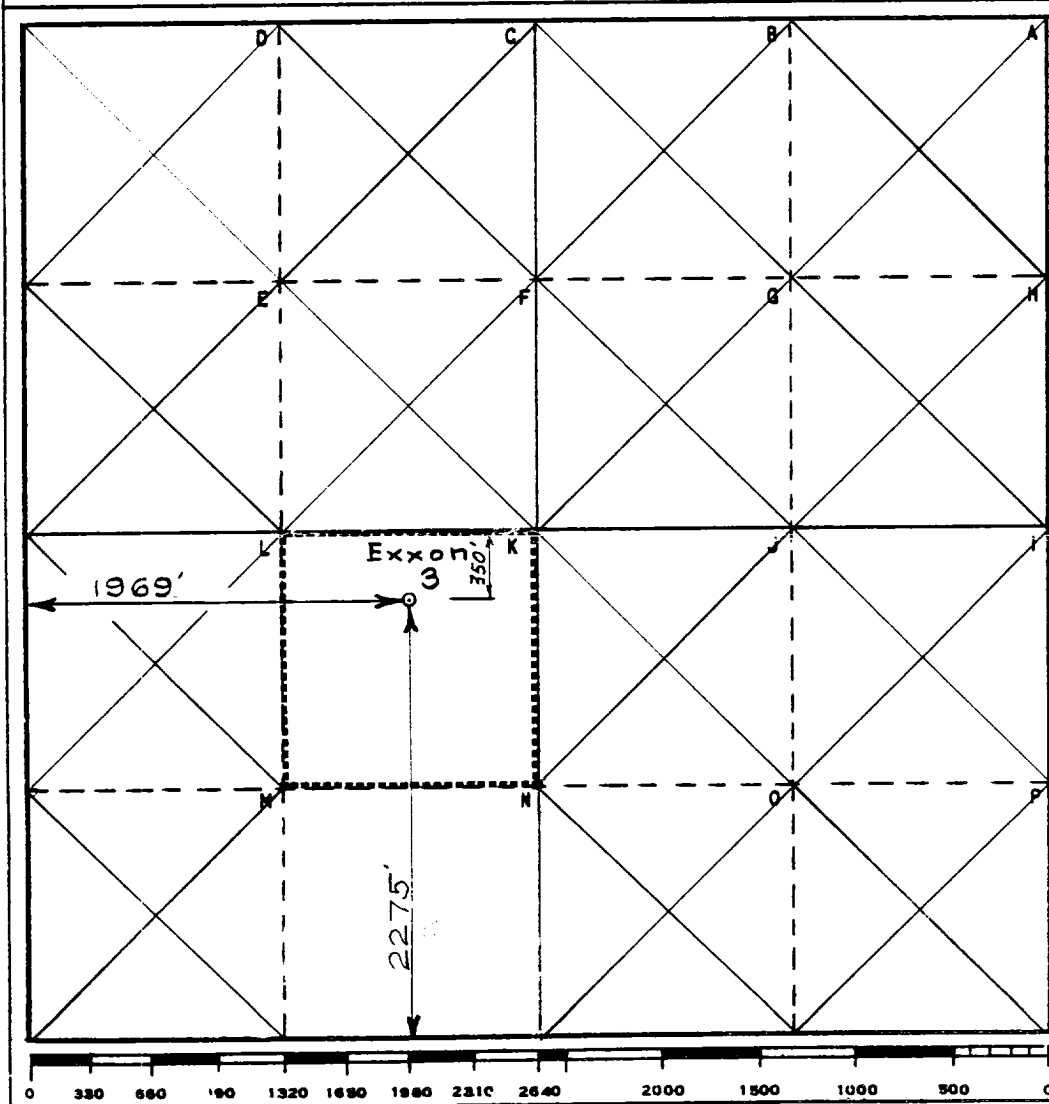
Operator Exxon Corporation		Lease NEW MEXICO "BP" STATE		Well No. 3
Unit Letter K	Section 7	Township 18S	Range 35E	County LEA
Actual Footage Location of Well: 2275 feet from the SOUTH line and 1969 feet from the WEST line				
Ground Level Elev. 3968'	Producing Formation ABO REEF	Pool VACUUM-ABO REEF	Dedicated Acreage: 40 Acres	

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?

☐ 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 L. Lippin  
Position UNIT HEAD

Company Exxon Corporation  
Box 1600 Midland, Texas

Date 3-23-84

I hereby certify that the well location shown on this plat was plotted from field notes and 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 3-18-84

Registered Professional Engineer and/or Land Surveyor

W. J. Culman  
Certificate No. 6157

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MAR 29 1984

U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

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MAR 26 1984

U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

BLOWOUT PREVENTER SPECIFICATION  
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 3000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).  
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

# MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C

