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MAR 01 1984  
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4. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
V-690

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

1. Type of Work		2. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	---	
3. Type of Well		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	New Mexico "DP" State	
Name of Operator		9. Well No.	
Exxon Corporation		2	
Address of Operator		10. Field and Pool, or Wildcat	
Box 1600, Midland, Texas 79702		Undesignated Delaware	
Location of Well		Undesignated Bone Springs	
UNIT LETTER M	LOCATED 485	FEEET FROM THE South LINE	
835	West	28 20S 28E	
11. Feet from the		12. County	
LINE OF SEC.		Eddy	
19. Proposed Depth		19A. Formation	
5800'		Bone Springs	
20. Rotary or C.T.		21. Approx. Date Work will start	
Rotary		First Quarter 1984	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		Unknown	
22. Elevations (Show whether DF, RT, etc.)		23. Proposed Casing and Cement Program	
3213 GR			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94	40'	25	Surface
17 1/2"	13 3/8"	54.5	600'	350	Surface
11"	8 5/8"	24	2500'	600	Surface
7 7/8"	5 1/2"	14-15.5	5800'	700	Tie into surface csg.

Mud: 0-600' - FW Spud mud 8.4 - 8.6 ppg.  
600' - 2500' - FW 8.4 - 8.8 ppg  
2500' - 5800' - CBW 8.8 - 9.2 ppg.

BOP: 13 3/8" Type II C/2000 PSI  
8 5/8" Type II C/2000 PSI

Amended to add Undesignated - Bone Springs field and change casing and mud program

APPROVAL FOR 180 DAYS  
9-6-84  
DRILLING UNDERWAY

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 SLOWDOWN 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 Kripling Title Unit Head Date 2-28-84  
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE MAR 06 1984  
CONDITIONS OF APPROVAL, IF ANY:

the 8 5/8" casing

Exxon Lse. No. \_\_\_\_\_

MEXICO OIL CONSERVATION COMMISSION

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

State Lse. No. \_\_\_\_\_

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse. No. \_\_\_\_\_

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

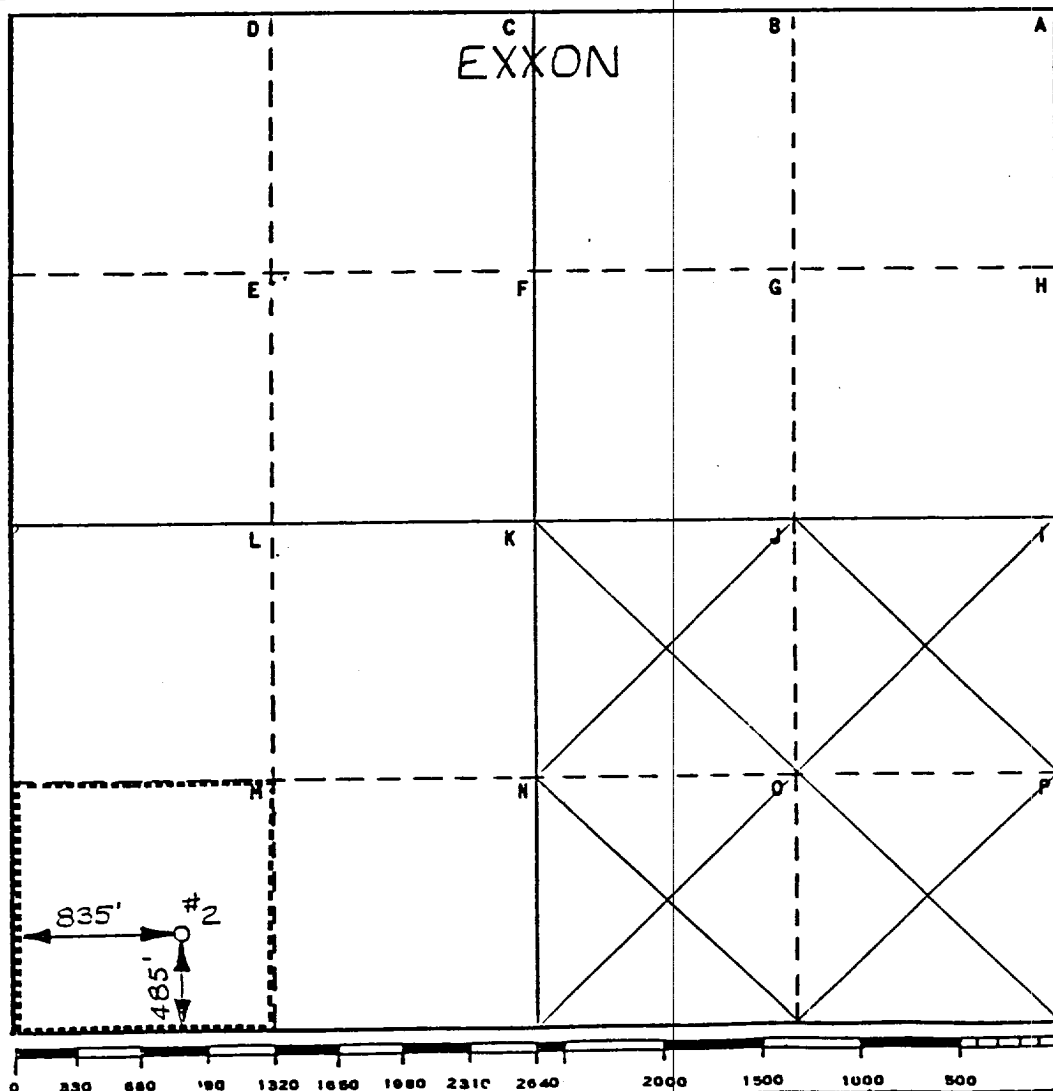
Operator Exxon Corporation			Lease NEW MEXICO "DP" STATE		Well No. 2
Unit Letter M	Section 28	Township 20 S	Range 28 E	County EDDY	
Actual Footage Location of Well: 485 feet from the SOUTH line and 835 feet from the WEST line					
Ground Level Elev. 3213	Producing Formation Bone Springs		Pool Undesig. Bone Springs	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  
2-28-84

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  
6-14-83  
Registered Professional Engineer  
and/or Land Surveyor

Certificate No.  
*W. J. Rubman*  
6157

8 Miles NORTH of CARLSBAD

New Mexico

C.E. Sec. File No. A-8140-A-1

Exxon Lse. No. \_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

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Federal Lse. No. \_\_\_\_\_

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

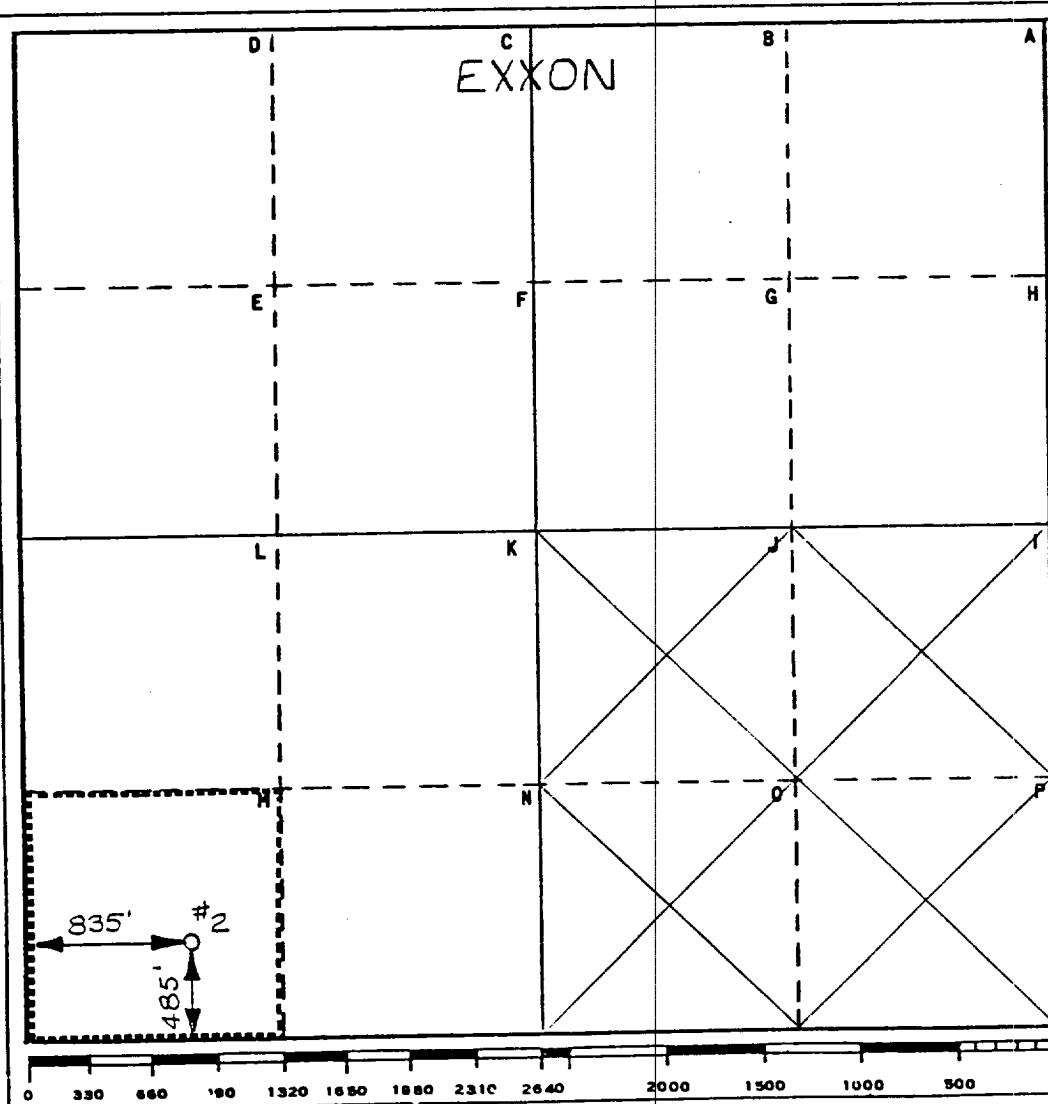
Operator Exxon Corporation		Lease NEW MEXICO "DP" STATE		Well No. 2
Unit Letter M	Section 28	Township 20 S	Range 28 E	County EDDY
Actual Footage Location of Well: 485 feet from the SOUTH line and 835 feet from the WEST line				
Ground Level Elev. 3213	Producing Formation Delaware	Pool Undesig. Delaware	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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## CERTIFICATION

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

Name

Position

UNIT HEAD

Company Exxon Corporation  
Box 1600 Midland, Texas

Date

2-28-84

I hereby certify that the location shown on this plat was plotted from field notes actual survey 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

6-14-83

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

6157

8 Miles NORTH of CARLSBAD, New Mexico

C.E. Sec. File No. A-8140-A

**BLOWOUT PREVENTER SPECIFICATIONS  
EQUIPMENT DESCRIPTION**

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**TYPE II**

All equipment should be at least 2,000 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.
24. 2-1/2-inch pipe, 300' to pit, anchored.
25. 2-1/2-inch SE gate valve.
26. 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 acceptable for 5000 psi WP and higher.
6. Type E ram type BOP's with factory modified side outlets may be used on 3000 psi WP or lower BOP stacks.

# BLOWOUT PREVENTER SPECIFICATION TYPE II

