

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED BY

MAR 01 1984

O.C.D.

ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☒FEE ☐

5. State Oil &amp; Gas Lease No.

V-690

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

Type of Well

L  
ELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

Name of Operator

Exxon Corporation

Address of Operator

Box 1600, Midland, Texas 79702

Location of Well

UNIT LETTER A LOCATED 660 FEET FROM THE N LINE

660

FEET FROM THE E LINE OF SEC. 28 TWP. 20S REC. 28E NMPM

7. Unit Agreement Name

8. Form or Lease Name

New Mexico "DP" State

9. Well No.

5

10. Field and Pool, or Wildcat  
Undesig. - Bone Springs  
Undesig. - Delaware

12. County

Eddy

19. Proposed Depth

5800'

19A. Formation

Delaware  
Bone Spring

20. Rotary or C.T.

Rotary

Elevations (Show whether DF, RT, etc.)

3215' GR

21A. Kind &amp; Status Plug. Bond

Blanket

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

3-51-84

## PROPOSED CASING AND CEMENT PROGRAM

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"	48	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 Undesig. - Bone Springs field and change casing and mud program

 APPROVED FOR 180 DAYS  
 PERIOD ENDING 9-6-84  
 UNLESS DRILLING UNDERWAY

GIVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROGRAM. GIVE SLOWOUT PREVENTER PROGRAM, IF ANY.

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

Melba Knippling Title Unit Head Date 2-28-84  
 (This space for State Use)

 APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE MAR 06 1984

REMARKS OF APPROVAL, IF ANY:

 Not sufficient  
 time to witness cementing  
 75%

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

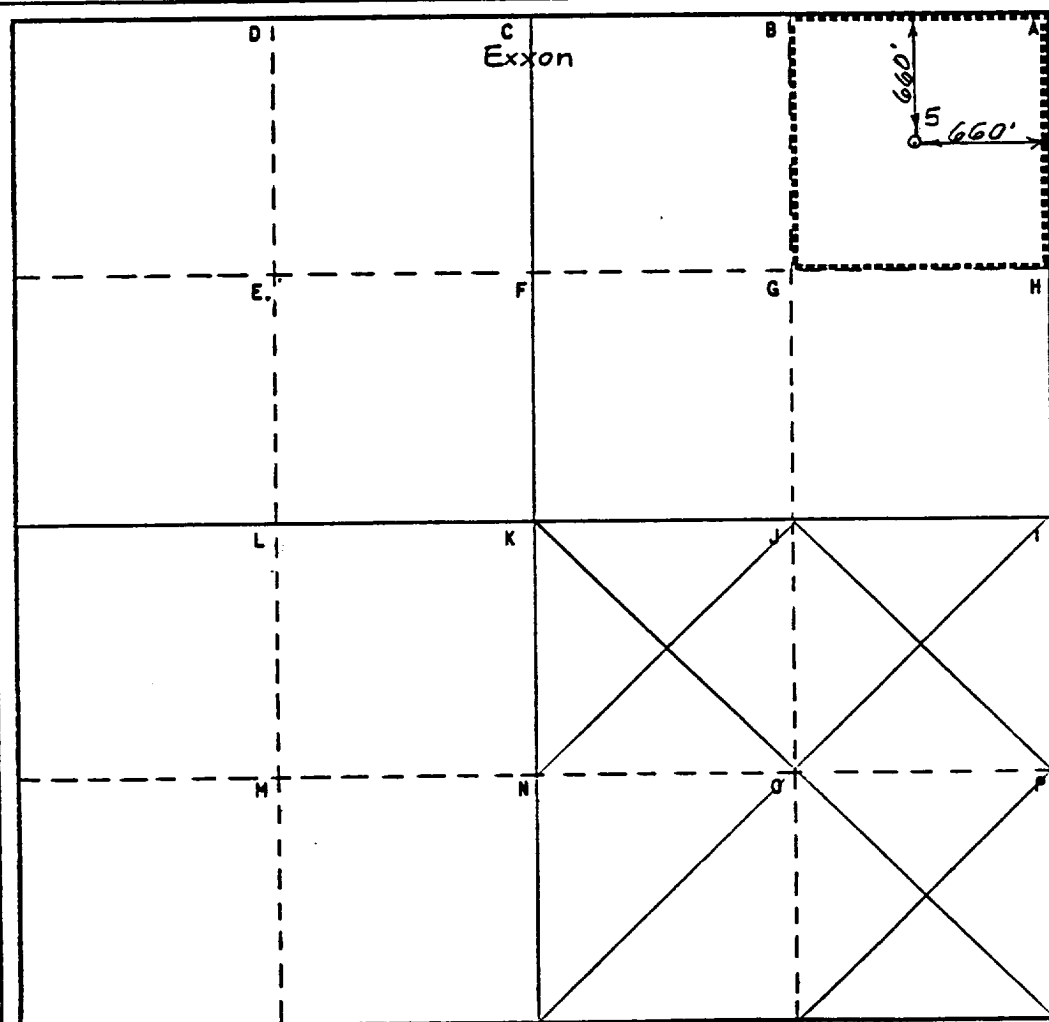
Operator Exxon Corporation			Lease NEW MEXICO "DP" STATE		Well No. 5
Unit Letter A	Section 28	Township 20S	Range 28E	County Eddy	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the East line					
Ground Level Elev. 3215'	Producing Formation Bone Springs		Pool Undesig. 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 survey by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

W. J. RICHMOND  
REGISTERED LAND SURVEYOR  
6157

Date Surveyed  
1-31-84

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.  
*W. J. Richmond*  
6157

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

NEW 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.

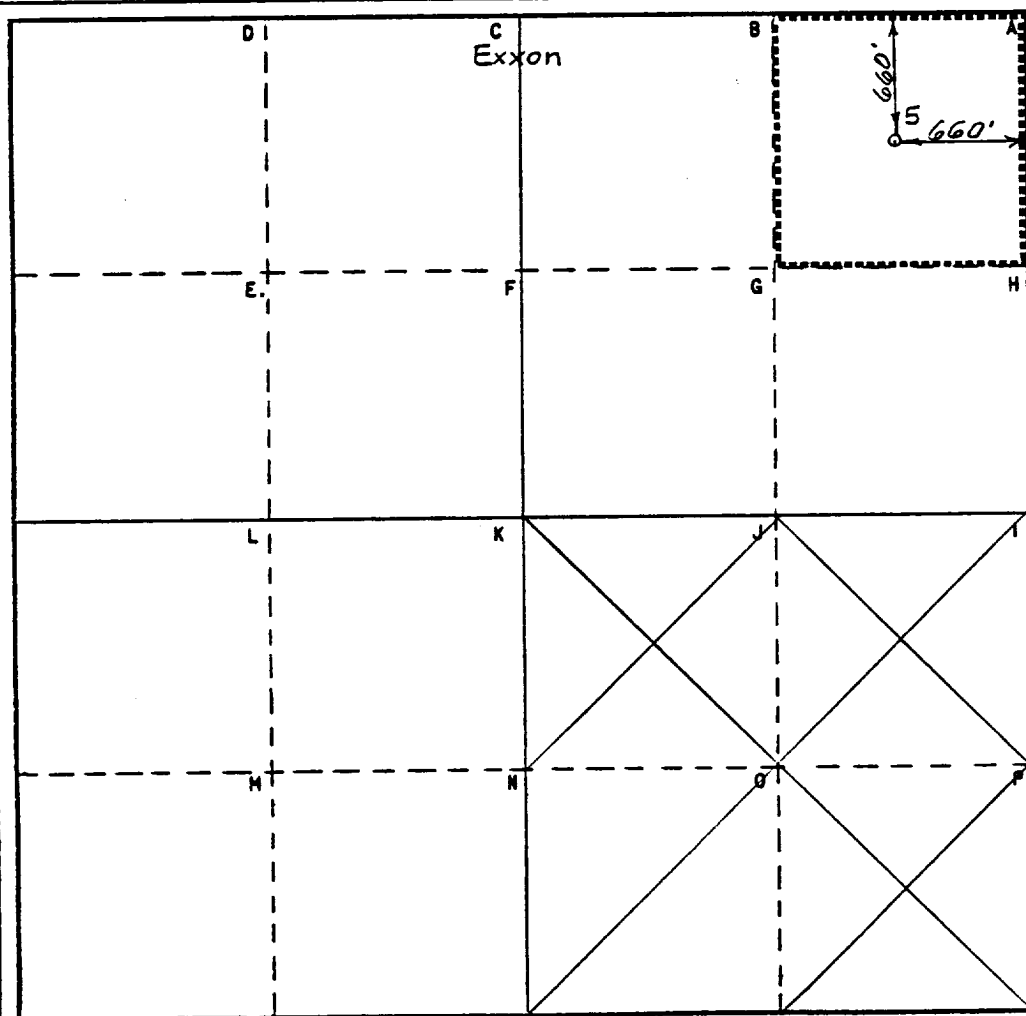
Operator Exxon Corporation		Lease NEW MEXICO "DP" STATE		Well No. 5
Unit Letter A	Section 28	Township 20S	Range 28E	County Eddy
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the East line				
Ground Level Elev. 3215'	Producing Formation Delaware	Pool Undesig. Delaware	Dedicated Acreage: 40 Acres	

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

Position \_\_\_\_\_

UNIT HEAD

Company Exxon Corporation  
Box 1600 Midland, Texas

Date \_\_\_\_\_

I hereby certify that the location shown on this plat was located 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 \_\_\_\_\_

1-31-84

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. \_\_\_\_\_

6157

8 Miles North of Carlsbad, New Mexico

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

**BLOWOUT PREVENTER SPECIFICATION**  
**EQUIPMENT DESCRIPTION**

**TYPE II-C**

All equipment should be at least 2000 psi WP or higher unless otherwise specified.

1. Ball 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 chokes.
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

