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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED BY  
SEP 09 1983  
O. C. D.  
ARTESIA, OFFICE

Form C-101  
Revised 1-1-65 30-015-24601

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
V-690

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Exxon Corporation 3. Address of Operator P. O. Box 1600, Midland, Texas 79702 4. Location of Well UNIT LETTER M LOCATED 485 FEET FROM THE South LINE AND 835 FEET FROM THE West LINE OF SEC. 28 TWP. 20S RGE. 28E NMPM		7. Unit Agreement Name -- 8. Farm or Lease Name New Mexico "DP" State 9. Well No. 2 10. Field and Pool, or Wildcat Undesig. Avalon Del. 12. County Eddy
19. Proposed Depth 5300'		19A. Formation Delaware
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3213 GR
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Unknown
22. Approx. Date Work will start Fourth Quarter 1983		

23.

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 sx Redi Mix	Surface
17 1/2"	13 3/8"	54.5	600'	500 sx	Surface
11"	8 5/8"	24	2500'	700 sx	Tie into Surf. Casing circ
7 7/8"	5 1/2"	14 - 15.5	5300'	700 sx	Tie into surfac casing

Mud: 0-2500' FW 8.4 - 8.8 PPG  
2500' - 5300' CBW 8.8 - 9.4 PPG

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

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3-11-84  
UNLESS DRILLING UNDERWAY

Post ID-1  
9-16-83  
New Loc 4 APF

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 Quinn Knippling Title Unit Head Date September 6, 1983  
(This space for State Use)

APPROVED BY Mike Walker TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128  
Effective 1-1-65

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

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

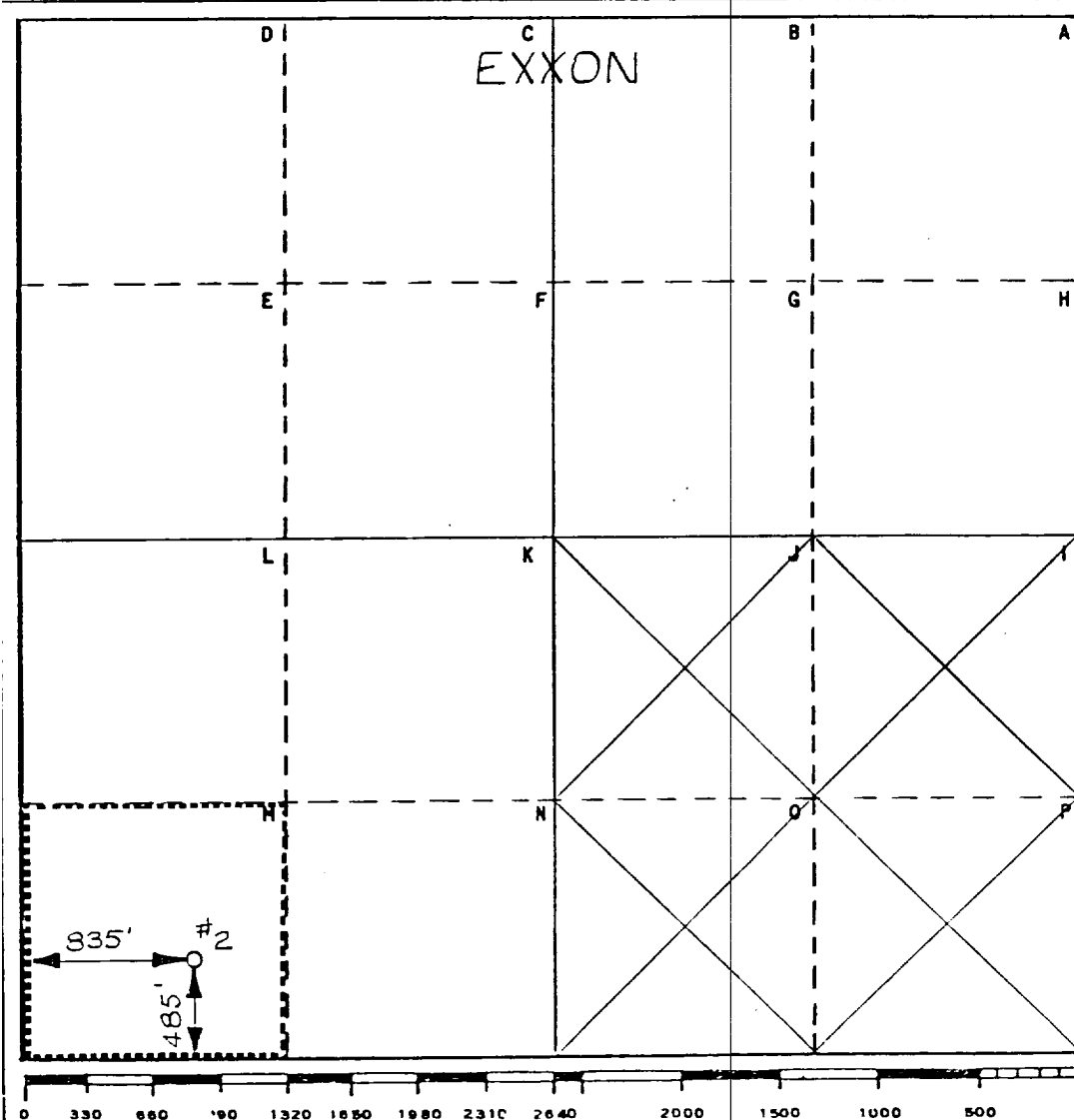
Operator Exxon Corporation		Lease NEW MEXICO "DP" STATE		Well No. 2
Unit Letter M	Section 28	Township 20 S	Range 28 E	County EDDY
Actual Footage Location of Well: 485 feet from the SOUTH line and 835 feet from the WEST line				
Ground Level Elev. 3213	Producing Formation DELAWARE	Pool UNDESIG. AVALON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

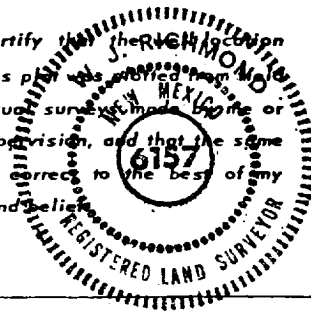


## CERTIFICATION

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

Name  
*Melvin Knippling*  
Position  
UNIT HEAD  
Company  
Exxon Corporation  
Box 1600 Midland, Texas  
Date  
9-6-83

I hereby certify that the location shown on this plat is correct and that the notes of actual survey are correct and 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

*W. J. Lohmeyer*  
Certificate No.  
6157

8 Miles NORTH of CARLSBAD New Mexico

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

BLOWOUT PREVENTER SPECIFICATION  
EQUIPMENT DESCRIPTION

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

