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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 24 1983

O. C. D.

ARTESIA OFFICE

30-015-24512  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
V-693
7. Unit Agreement Name
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8. Farm or Lease Name
New Mexico DO State
9. Well No.
2
10. Field and Pool, or Wildcat
Undesignated
Burton Flat
12. County
Eddy
19. Proposed Depth
5,300'
19A. Formation
Delaware
20. Rotary or C.T.
Rotary
21. Elevations (Show whether DE, RT, etc.)
Will Submit Later
21A. Kind & Status Plug. Bond
Blanket
21B. Drilling Contractor
Unknown
22. Approx. Date Work will start
3rd Quarter 1983

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

1a. Type of Work	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <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 <u>A</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>760</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>6</u> TWP. <u>21S</u> RGE. <u>27E</u> NMPM
19. Proposed Depth	5,300'
19A. Formation	Delaware
20. Rotary or C.T.	Rotary
21. Elevations (Show whether DE, RT, etc.)	Will Submit Later
21A. Kind & Status Plug. Bond	Blanket
21B. Drilling Contractor	Unknown
22. Approx. Date Work will start	3rd Quarter 1983

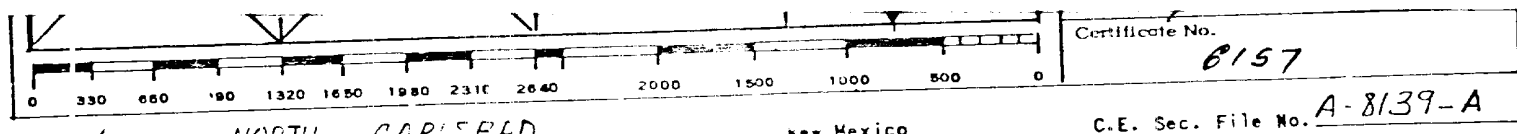
## PROPOSED CASING AND CEMENT PROGRAM

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 surface c
7 7/8"	5 1/2"	14-15.5 #	5300'	700 sx	Tie into surface c

Mud: 0-2500' FW 8.4-8.8 PPG  
2500-5300' CBW 8.8-9.4 PPGBOP: 13 3/8"/Type II-C/2000 PSI  
8 5/8"/Type II-C/2000 PSIAPPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 1-5-84  
UNLESS DRILLING UNDERWAY

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 Edgar Knippling Title Unit Head Date June 23, 1983  
(This space for State Use)APPROVED BY Meiba Knippling TITLE OIL AND GAS INSPECTOR DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: Notify N.M.O.C.C. in sufficient time to allow completion of the 25' casing

BLOWOUT PREVENTER SPECIFICATION  
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 2000 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

