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NEW MEXICO OIL CONSERVATION COMMISSION

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MAR 22 1983

O. C. D.

Form C-101
Revised 1-1-655A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

V-601

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"/>		7. Unit Agreement Name ---	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name New Mexico DH State	
2. Name of Operator Exxon Corporation ✓		9. Well No. 1	
3. Address of Operator P. O. Box 1600, Midland, TX 79702		10. Field and Pool, or Wildcat Buffalo Valley - Pennsylvanian Gas-Undesig.	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>15S</u> RGE. <u>28E</u> NMPM		12. County Chaves	
19. Proposed Depth 10,000'		19A. Formation Morrow, Atoka	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) Ground 3594.5	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Unknown	22. Approx. Date Work will start Unknown

23. 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"	61# K-55	400'	300	Surface
12 1/4"	9 5/8"	47# L-80	2000'	900	Surface
7 7/8"	5 1/2"	20# L-80	10000'	1350	2000'

Mud Program:	Weight
0- 400' FW Spud	8.4
400- 2000' BW	10.0
2000- 7500' CBW	9.0
7500- 8700' BWM	9.0 - 9.5
8700-10000' BWM	9.5+

Diagrammatic sketch and specifications of BOP are attached.

Gas is not dedicated to a purchaser

APPROVAL DATE 180 DAYS
PERMIT EXPIRES 9/24/83
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 Melba Knippling Title Unit Head Date January 31, 1983
(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE MAR 24 1983
CONDITIONS OF APPROVAL, IF ANY:

NSL Approved R-7231