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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 27 1980

D. C. D.  
ARTESIA OFFICE

30-015-23217

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. LG 6339
7. Unit Agreement Name
8. Farm or Lease Name New Mexico CY State Com
9. Well No. 1
10. Field and Pool, or Wildcat Aid-Morrow
12. County Eddy
19. Proposed Depth 11,000'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, KT, etc.) Gr 3705.3
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Unknown
22. Approx. Date Work will start April 15, 1980

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 type="checkbox"/> GAS WELL <input checked="" 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 I LOCATED 1980 FEET FROM THE S LINE AND 660 FEET FROM THE E LINE OF SEC. 23 TWP. 17S RGE. 28E NMPM
19. Proposed Depth 11,000'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, KT, etc.) Gr 3705.3
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Unknown
22. Approx. Date Work will start April 15, 1980

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	48 94.0	850 350	1000 500	Surface
12 1/4	8 5/8	32 24.0	2650 2300	1500	Surface
7 7/8	5 1/2	20,17,15.5	11000'	1200	6000+

Mud Program:

0- 850' : Fresh water spud mud (uncontrolled)  
850-7200' : Fresh water  
7200-10400' : Cut brine water  
10400-TD : Brine water gel with 4% KCL

Diagrammatic sketch and specifications of BOP are attached.  
Gas is not dedicated to a purchaser.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 6-12-80

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 Mecva Knippling Title Proration Specialist Date February, 1980

(This space for State Use)

APPROVED BY W.A. Gussert TITLE SUPERVISOR, DISTRICT II DATE MAR 12 1980

CONDITIONS OF APPROVAL, IF ANY:

Notify this office if water

Cement must be circulated to  
surface behind 13 3/8" casing