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NEW MEXICO OIL CONSERVATION COMMISSION

JAN 5 1973

O. C. C.
ARTESIA, OFFICE

20-015-20797
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name MERLAND C	
2. Name of Operator Cities Service Oil Company		9. Well No. 1	
3. Address of Operator Box 4906 - Midland, Texas 79701		10. Field and Pool, or Wildcat Undes. S. Carlsbad Morrow	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 19 TWP. 22S RGE. 27E NMPM		12. County Eddy	
21. Elevations (Show whether DF, RT, etc.) 3200 GR Est.		19. Proposed Depth 11,900	19A. Formation Morrow
21A. Kind & Status Plug. Bond Required-Approved	21B. Drilling Contractor Not Released	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start February 15, 1973			

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#	450	Circulate	C.L.
12-1/4"	9-5/8"	36 & 40#	5300	Circulate	C.L.
8-3/4"	5-1/2"	17 & 20#	11900	400 sacks	8800

It is proposed to drill to a T.D. of 11,900' and test the Morrow formation.

The blow out prevention program is as follows:

1. One set blind rams.
2. One set drill pipe rams.
3. One hydrill.
4. One rotating head.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES **4-15-73**

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 *E. J. J. J.* Title Region Operation Manager Date January 2, 1973
(This space for State Use)

APPROVED BY *W. A. Gressett* TITLE OIL AND GAS INSPECTOR DATE JAN 15 1973
CONDITIONS OF APPROVAL, IF ANY: