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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 15 1968

30-015-20160

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.	
K-831	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		Communitization	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State 1-19 Com	
2. Name of Operator		9. Well No.	
Sohio Petroleum Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 3167, Midland, Texas 79701		McMillan (Morrow) Gas	
4. Location of Well UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 19 TWP. 20S RGE. 27E NMPM		12. County	
		Eddy	
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
10,600'		Morrow Sand	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3289' G.L.	\$10,000 Blanket In Force	*Not Let	August 26, 1968

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	48.0	400	300 Reg. 2% CC	Circulate
12-1/4	8-5/8	24 & 32	2,700	600 Reg. & Add.	Circulate
7-7/8	4-1/2	11.6	10,600	575 Inferno & Add.	7500

*Will give contractor name on first C-103.

Will drill to test depth of 10,600' to test the Morrow Sand with possible DST's in Wolfcamp & Cisco. Surface, intermediate, and producing strings to be set as above unless cementing difficulties occur which would require more cement.

BOP will be tested @ 24 hour frequency.

Surface casing to be tested with 600 psi; intermediate to be tested with 1000 psi; and production string to be tested with minimum of 3000 psi, each for 30 minutes.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11-16-68

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 INFORMATION IF ANY.

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

Signed (A. K. Hood) Title District Superintendent Date 8-14-68

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE 8-16-1968

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/4" + 8 5/8" casing

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