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# NEW MEXICO OIL CONSERVATION COMMISSION

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. A-1320
7. Unit Agreement Name
8. Farm or Lease Name New Mexico "K" State
9. Well No. 33
10. Field and Pool, or Wildcat Vacuum-Grayburg San Andres
12. County Lea
19. Proposed Depth 4,750
19A. Formation Grayburg San Andres
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) To be filed later
21A. Kind & Status Plug. Bond Blanket on file
21B. Drilling Contractor Unknown
22. Approx. Date Work will start October 21, 1971

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator HUMBLE OIL & REFINING COMPANY
3. Address of Operator P. O. BOX 1600, MIDLAND, TEXAS 79701	4. Location of Well UNIT LETTER "B" LOCATED 990 FEET FROM THE North LINE AND 2306 FEET FROM THE East LINE OF SEC. 32 TWP. 17S RGE. 35E NMPM
23. PROPOSED CASING AND CEMENT PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11" or 12-1/4"	8-5/8"	24#	1,600'	400 sx	Circ. to surface
7-7/8"	5-1/2"	14#	4,750'	250 sx	*

\*Circ back to approximately 2,800' to cover the Yates formation.

HOWCO method of cementing to be used.

Minimum drilling fluid for samples and logging.

**NOTE:** Well No. 2 is presently producing from the Vacuum (Grayburg San Andres) in the same 40-acre unit as Well No. 33. Upon successful completion of Well No. 33, Well No. 2 will be plugged and abandoned.

EXPIRES Jan. 11, 1972

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 J. W. Stovall Title Proration Specialist Date October 8, 1971  
(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE OCT 13 1971  
CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**

OCT 12 1971

OIL CONSERVATION COMM.  
HOUSTON, TEXAS