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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65 *30-085-0014*

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B 1638-1	

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 type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection		8. Farm or Lease Name Eunice-Monument Unit	
2. Name of Operator TEXACO INC. % MR. DARRELL SMITH		9. Well No. 24	
3. Address of Operator P. O. Box 3109 MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat Eunice (Grayburg-San Andres)	
4. Location of Well UNIT LETTER I LOCATED 660' FEET FROM THE East LINE AND 1980' FEET FROM THE South LINE OF SEC. 19 TWP. 20-S RGE. 37-E NMPM		12. County Lea	
19. Proposed Depth 3950'		19A. Formation Grayburg-San Andres	
21. Elevations (Show whether DF, RT, etc.) 3519' Gr.		22. Approx. Date Work will start At Once	
21A. Kind & Status Plug. Bond \$10,000 Blanket		21B. Drilling Contractor Unknown	
23. PROPOSED CASING AND CEMENT PROGRAM		20. Rotary or C.T. Rotary	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	20#	1150'	*400	150% to circulate
7 7/8"	4 1/2"	9.5#	3950'	**700	125% to tie back

*Cement with 200 sx TLW w/4#/sx Gilsonite followed by 200 sx Class "C" w/2% CaCl (150% to circulate)

**Cement with 500 sx TLW w/4#/sx Gilsonite followed by 200 sx Class "C" w/2% CaCl (125% to tie back)

COMPLETION PROGRAM

- Perf pay w/2 JSPF
- Acidize w/5000 gal. 15% NEA (if necessary Frac w/15,000 gals, gelled brine w/1#/gal. 20-40 Sd)

FORMATION TOPS EXPECTED

Anhydrite 1110'
Grayburg 3620'
San Andres 3840'
TOTAL DEPTH 3950'

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,**

EXPIRES 8/30/70

**THE COMMISSION MUST BE NOTIFIED
24 HOURS PRIOR TO RUNNING CASING.**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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. J. Velten Title Division Civil Engineer Date May 26, 1970
(This space for State Use)

APPROVED BY Leshie A. Clements TITLE Oil & Gas Inspector DATE JUN 1 1970
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 28 1970

**OIL CONSERVATION COMM.
HOBBS, N. M.**