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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.	
E-1516-1	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		New Mexico "AR" State	
2. Name of Operator		9. Well No.	
TEXACO INC.		3	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. BOX 3109 MIDLAND, TEXAS 79701		Echols (Devonian)	
4. Location of Well		12. County	
UNIT LETTER <u>E</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>11-S</u> RGE. <u>37-E</u> NMPM			
19. Proposed Depth		19A. Formation	
11,500'		Devonian (Silurian)	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3946' GR		At once	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
\$10,000 Blanket		Unknown	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4"	11 3/4"	42#	350'	*250	300% to circulate
11"	8 5/8"	32#	5,000'	**1120	200% to tie back
7 7/8"	5 1/2" (Liner)	17# & 20#	11,500'	***1050	150% to circulate

\* Cement with 250 Sx. Class "C" w/1% CaCl 14.8#/gal. Cement must circulate. (300% to circulate)  
 \*\* Cement with 920 Sx. TLW w/4% Gel & 5#/Sx. Gilsonite-11.5#/gal. followed by 200 Sx. Class "C" w/10#/sx. Salt, 14.8#/gal. Not required to tie back. (200% to tie back)  
 \*\*\* Cement with 850 Sx. TLW w/0.4 LWL & 5# Gilsonite 1 sx., 12#/gal., followed by 200 Sx. Class "C" w/10#/Sx. Salt, 14.8#/gal. Cement must circulate. (150% to circulate)

## COMPLETION PROGRAM

L. Perforate 2 JSPF. 2. Treat 2000 gals. 28% NE Acid & overflush with 2000 gals. treated wtr.

## FORMATION TOPS EXPECTED

San Andres	4,200'	Woodford	11,160'
Tubb Sand	6,950'	Total Depth	11,500'
Wolfcamp	8,880'		
Abo	7,650'		
Mississippian	10,800'		
Siluro-Devon.	11,250'		

11 3/4

6-26-70

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. J. Velten Title Division Civil Engineer Date March 23, 1970

(This space for State Use)

APPROVED BY J. J. Velten TITLE SUPERVISOR DISTRICT DATE March 23, 1970

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION TO M.  
HOBBES, N. A.

MAR 25 1970

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