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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-1027

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"/>		State of N. M. "CZ"	
2. Name of Operator		9. Well No.	
Texaco Inc.		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 3109, Midland, Texas		Ranger Lake-Penn.	
4. Location of Well		12. County	
UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE		Lea	
AND 660 FEET FROM THE East LINE OF SEC. 14 TWP. 12S RGE. 34E NMPM			
19. Proposed Depth		19A. Formation	
10,385'		Cisco	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DE, RT, etc.)		22. Approx. Date Work will start	
4150'		At once	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
\$10,000 Blanket		Unknown	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#, 23.72#	360'	350*	Red Beds
10 5/8"	8 5/8"	24#, 32#	4200'	1300**	San Andres
7 7/8"	4 1/2"	11.6#	10385'	1200***	Cisco

*Cement with 350 sx Class "C" neat with 1% calcium chloride. (300% to circulate).

**Cement with 1100 sx TLW 110% wtr, 12.0#/gal followed by 200 sx Class "C" neat. (250% to circulate).

***Cement with 800 sx TLW 110% wtr., 12.0#/gal followed by 400 sx Incor 4% gel 13.22#/gal, 9.93 gals wtr./sx. Use 0.5% FRA in first 300 sx TLW (150% to tie back into intermediate casing).

COMPLETION PROGRAM

1. Perforate pay with 1jspi.
2. Acidize with 500 gals 15% NE acid.

FORMATIONS EXPECTED

Anhydrite	2015'	Abo	7740'
Base of Salt	2720'	Wolfcamp Lime	9122'
Yates	2815'	Cisco Marker	10095'
Tubb	7022'	Total Depth	10385'

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 W. M. Bumpass Title Senior Civil Engineer Date 10/14/65

(This space for State Use)

APPROVED BY John V. Harty TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____