

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/29/83
UNLESS DRILLING UNDERWAY

30-025-28182

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NEW MEXICO OIL CONSERVATION COMMISSION

Texaco Lse # 255100

Form C-101
Revised 1-1-65

SA. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
S. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Central Vacuum Unit	
2. Name of Operator Texaco Inc.		9. Well No. 162	
3. Address of Operator Box 3109, Midland, Texas 79702		10. Field and Pool, or Wildcat Vacuum Grayburg - S.A.	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>760</u> FEET FROM THE <u>North</u> LINE AND <u>484</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>6</u> T-18-S R-35-E NMPM		11. County Lea	
21. Elevations (Show whether DF, RT, etc.) 3984 GR		21A. Kind & Status Plug. Bond	21B. Drilling Contractor
21C. Proposed Depth 4800'		19A. Formation Grayburg-S.A.	20. Rotary or C.T. Rotary
21D. Approx. Date Work will start 3-28-83			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#, H-40	350'	650	Circulate
15"	11 3/4"	42#, H-40	1440'	1200	Circulate
11"	8 5/8"	28#, H-40	2650'	700	Circulate
		28#, S-80			
7 7/8"	5 1/2"	15.5#, K-55	4800'	2300	Circulate

SURFACE CASING: 650 sxs Class 'H' w/2% CaCl₂ (15.6 ppg, 1.18 ft³/sx).

1ST INTERMEDIATE CASING: 1000 sxs 50:50 Pozmix Class 'H' w/5# gilsonite, 1/4# flocele/sx, & 2% CaCl₂ (13.7 ppg, 1.18 ft³/sx) followed by 200 sxs Class 'H' w/1/4# flocele & 2% CaCl₂ (15.6 ppg, 1.18 ft³/sx)

2ND INTERMEDIATE CASING: 1ST STAGE: 500 sxs 50:50 Pozmix Class 'H' w/9# salt & 1/4# flocele/sx (14.5 ppg, 1.31 ft³/sx) followed by 200 sxs Class 'H' w/8# salt & 1/4# flocele/sx (15.9 ppg, 1.22 ft³/sx) DV Tool @ 1540' 2ND STAGE: 400 sxs Class 'H' w/2% CaCl₂ (15.6 ppg, 1.18 ft³/sx). (to be run only if waterflow is encountered)

PRODUCTION CASING: 2000 sxs 50:50 Pozmix Class 'H' w/5# gilsonite & 1/4# flocele/sx (13.7 ppg, 1.37 ft³/sx) followed by 300 sxs Class 'H' w/1/4# flocele/sx (15.6 ppg, 1.18 ft³/sx).

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 R. S. Lane Title Asst. Petr. Engr. Manager Date March 25, 1983
R. S. Lane
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE MAR 29 1983

CONDITIONS OF APPROVAL, IF ANY: ANY WATER FLOW WILL BE DEPLETED BEFORE 2ND INTERMEDIATE CASING IS SET
WELL #98 WILL BE ABANDONED BEFORE THIS WELL IS COMPLETED.