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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. 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 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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Mittie Weatherly	
2. Name of Operator TEXACO Inc.		9. Well No. 3	
3. Address of Operator P.O. Box 728 - Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Penrose Skelly Grayburg	
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE 1980 FEET FROM THE West LINE OF SEC. 17 TWP. 21S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth -		19A. Formation Grayburg	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3484' GR	
21A. Kind & Status Plug. Bond -		21B. Drilling Contractor -	
22. Approx. Date Work will start At Once			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	29.4# & 48#	314'	325	
11"	6-5/8"	24# & 32#	2812'	1500	
7-7/8"	5-1/2"	15.5#	6650'	350	Top of Cement 4435'

Texaco Inc. proposes to do the following work on subject well:

1. Set CIBP @ 6400'. Dump 10' hydromite on plug.
2. Perforate 5-1/2" casing @ 3844' with a 4-way perforator.
3. Break circulation to surface and circulate 50 bbls fresh water followed by 500 gal. mud flush. Follow mud flush with 200 sx "expanding cement". Wait on cement 24 hrs. Run temp. survey to assure cement is across the pay section. If unable to break circulation to surface, it will be necessary to perform block squeeze @ 3680' & 3844' each w/100 sx expanding cement.
4. Drill out cement if necessary and pressure test casing to 1000#.
5. Perforate 5-1/2" casing w/2 JSPF @ 3703-15', 3727-33', 3740-49' and 3779-96'.
6. Frac perforations w/20,000 gal. gelled lease crude containing 25#/1000 gal Adomite Marck II, 40#/1000 gal gelling agent & 1#/gal 20-40 sand. Treat in 5 stages w/each stage as follows: Pump 250 gals 15% NE acid, pump 4000 gal frac and follow w/150 # unibeads.
7. Test and return to production.

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 [Signature] Title Assistant District Superintendent Date August 12, 1971

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE AUG 16 1971

CONDITIONS OF APPROVAL, IF ANY:

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AUG 16 1971

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