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3A. Indicate Type of Lease	
STATE ☐	FEE ☒
3. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work		7. Unit Agreement Name	
Type of Well		8. Farm or Lease Name	
DRILL ☐	DEEPEN ☒	Cooper Jal Unit	
PLUG BACK ☒		9. Well No.	
ML WELL ☒	GAS WELL ☐	125	
OTHER ☐	SINGLE ZONE ☐	10. Field and Pool, or Wildcat	
NAME OF OPERATOR	MULTIPLE ZONE ☒	Jalmat Tansill Yates	
Texaco Producing Inc.		7-R-Q Langlie Mattix 7-R-Q	
ADDRESS OF OPERATOR		11. County	
P. O. Box 728 Hobbs, New Mexico 88240		Lea	
LOCATION OF WELL		12. County	
UNIT LETTER <u>F</u>	LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE	Lea	
<u>2310</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>24</u> TWP. <u>24-S</u> SEC. <u>36-E</u> NMPM	19. Proposed Depth		20. Rotary or C.T.
		3655'	Langlie Mattix
11. Elevation (Show whether DF, KT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3322' DF	Blanket		May 11, 1987

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	1184'	375	Circulated
7-7/8" & 6-3/4"	5-1/2"	14#	3655'	680	Circulated

This well is currently producing in the Langlie Mattix. It is proposed to perf additional Langlie Mattix pay, perf. and stimulate Jalmat pay and DHC as per NMOC Order No. R-5590.

- MIRU. Pull rods and pump. Install BOP. Pull tubing.
- TIH w/4-3/4" bit. Drill out CIBP @ 3582', cement and CIBP @ 3592'. Clean out to TD @ 3655'.
- Run GR-CNL and correlate with existing log.
- GIH w/3-1/8" casing gun and perf. additional Langlie Mattix pay from 3631' to 3634' and 3640' to 3642' with 2 SPF. (14 Holes).
- TIH w/packer and set @ 3580'.
- Acidize perfs from 3617' to 3642' w/1000 gallons 15% NEFE acid with salt block.
- Swab test perfs from 3617' to 3642'.
- Frac perfs from 3617' to 3642' w/20,000 gallons 40# cross linked gelled 2% KCL water w/clay stabilizer and surfactant and 44,000 Lbs. 12/20 sand. Rate 25 BPM Max. Pressure 4000 PSI.

CONTINUED ON PAGE 2

5. SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROGRAM. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I certify that the information above is true and complete to the best of my knowledge and belief.

A. J. Seaman Title Dist. Petroleum Engineer Date 5-1-87
(This space for State Use)
Orig. Signed by Paul Kautz
Geologist
VED BY _____ TITLE _____ DATE MAY 8 1987
IONS OF APPROVAL, IF ANY:

RECEIVED
MAY 7 1987
OCD
HOBBS OFFICE

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