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NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 1-13-82



30-045-25108
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Culpepper-Martin
9. Well No. 3-M
10. Field and Pool, or Wildcat Blanco Mesv & Basin Dakota
12. County San Juan
19. Proposed Depth 7200'
19A. Formation Dakota
20. Rotary or C.T. Rotary
21B. Drilling Contractor Not yet contracted
22. Approx. Date Work will start 8/15/81

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work	2. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	3. Name of Operator Union Texas Petroleum Corporation	4. Address of Operator 1860 Lincoln Street, Suite 1010, Denver, Colorado 80295	5. Location of Well UNIT LETTER F LOCATED 1770' FEET FROM THE West LINE 1800' FEET FROM THE North LINE OF SEC. 7 TWP. 31N RGE. 12W NMPM	6. Elevations (Show whether DP, RT, etc.) 5834' GL	7. Kind & Status Plug. Bond	8. Drilling Contractor Not yet contracted	9. Approx. Date Work will start 8/15/81
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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-1/2"	10-3/4"	40.5#	500' 300	300 sx	Surf
9-7/8"	7-5/8"	26.4#	4000'	860 sx	Surf
6-3/4"	5-1/2" liner	15.5#	7200' (est TOL 3800')	250 sx	3,800' (TOL)

1. Drill 13-1/2" hole to 500' with water.
2. Set 10-3/4", 40.5#, J-55 casing at 500' & cement with sufficient cement to circulate to surface (approximately 300 sx).
3. Install BOP's and inspect daily.
4. Drill 9-7/8" hole to approximately 4000' with water, mudding up when necessary. Log back to surface casing.
5. Set 7-5/8", 26.4#, J-55 casing at 4000' and cement with sufficient cement to circulate to surface. (approximately 860 sx).
6. Drill 6-3/4" hole through the Dakota to approximately 7200' with natural gas. Log back to intermediate casing.
7. If found commercially productive, set 5-1/2", 15.5#, J-55 liner from TD to approximately 3800' and cement back to top of liner (approximately 250 sx).
8. Based on log analysis, perforate and complete in Mesaverde & Dakota zones with a packer between the zones.
9. Install production equipment & clean up well site.

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 <u>Thomas C. Belcher</u> Title <u>District Petroleum Engineer</u> Date <u>July 6, 1981</u>
APPROVED BY <u>Frank J. [Signature]</u> TITLE <u>SUPERVISOR DISTRICT # 3</u> DATE <u>JUL 13 1981</u>
CONDITIONS OF APPROVAL, IF ANY: <u>OIL CONSERVATION DIVISION SANTA FE</u>