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NEW MEXICO OIL CONSERVATION COMMISSION

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.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		7. Unit Agreement Name Denton North Wolfcamp Unit - Tr. 7
b. Type of Well 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
2. Name of Operator Mobil Producing TX. & N.M. Inc.		9. Well No. 4
3. Address of Operator Nine Greenway Plaza, Suite 2700, Houston, TX 77046		10. Field and Pool, or Wildcat Denton Wolfcamp
4. Location of Well UNIT LETTER L LOCATED 1815 FEET FROM THE South LINE AND 330 FEET FROM THE West LINE OF SEC. 36 TWP. 14S RGE. 37E NMPM		12. County Lea
19. Proposed Depth 12,065'		19A. Formation Wolfcamp
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 3802' FL	21A. Kind & Status Plug. Bond On File	21B. Drilling Contractor Unknown
22. Approx. Date Work will start		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

This well was originally drilled to a total depth of 12,642 feet and is presently temporarily abandoned in the Denton Devonian Pool as Arco's T.D. Pope Well #4. Permission requested to plug back to 12,065 feet and complete in the Wolfcamp.

The following procedure will be used to plug back:

1. Pull out existing production string.
2. Go in hole with gauge ring and junk basket to 12,110 feet.
3. Set CIBP at $\pm 12,100$ feet and cap with 35 feet of cement.
4. Set new 2-7/8" tubing to 9300 feet.
5. Perforate and test the Wolfcamp from 9138 to 9229 feet and put on production.

BLOWOUT PREVENTER PROGRAM

Casing String
Production

Size & PSI
8" - 3000

No. & Type
1 Master Gate Ram
1 Pipe Ram

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.
Regulatory Engineering

Signed A.D. Bond Title Coordinator II Date December 15, 1982

(This space for State Use)

ORIGINAL SIGNED BY

JAN 3 1983

APPROVED BY JERRY SEXTON TITLE DATE

CONDITIONS OF APPROVAL IF ANY