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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-27575

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. 4765

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work 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"/>		7. Unit Agreement Name	
2. Name of Operator Wainoco Oil & Gas Company		8. Farm or Lease Name Aztec State	
3. Address of Operator 1200 Smith, Suite 1500, Houston, Texas 77002		9. Well No. 3	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE OF SEC. 18 TWP. 16S RGE. 37E NMPM		10. Field and Pool, or Wildcat Lovington, N.E.-Penn.	
11. Proposed Depth 11,600'		12. County Lea	
19. Formation Pennsylvanian		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3844.5' Gr.		22. Approx. Date Work will start - 11-1-81	
21A. Kind & Status Plug. Bond Blanket bond-active		21B. Drilling Contractor Verna Drilling Co.	

23.

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"	48	400'	425	surface
12-1/4"	8-5/8"	24	4200'	1125	surface
7-7/8"	5-1/2"	17	11600'	825	8300'

Drill 17-1/2" hole to 400'. Set 13-3/8" surface casing and cement to surface with 425 sx.
Drill 12-1/4" hole to 4200'. Set 8-5/8" intermediate casing and cement to surface with 1125 sx.
Drill 7-7/8" hole to TD of approximately 11,600'. If productive, set 5-1/2" production string and cement from TD to approximately 8300'. If dry, will plug and abandon according to New Mexico rules and regulations.

Primary Objective - Pennsylvanian Oil Pool.

BOP information attached.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3/28/82
UNLESS DRILLING UNDERWAY

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 Pat Budro Title Regulatory Coordinator Date 9-22-81

(This space for State Use)

APPROVED BY Jerry Sexton TITLE Dist 1, Supv. DATE 9-22-81