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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☐ <i>Patent</i>	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 ☐ DEEPEN ☐ PLUG BACK ☒ OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name <i>Shahan 33</i>	
2. Name of Operator <i>CONTINENTAL OIL COMPANY</i>		9. Well No. <i>1</i>	
3. Address of Operator <i>P. O. Box 460, Hobbs, N.M. 88240</i>		10. Field and Pool, or Wildcat <i>Talmat Yates Gas</i>	
4. Location of Well UNIT LETTER <i>A</i> LOCATED <i>990</i> FEET FROM THE <i>North</i> LINE AND <i>660</i> FEET FROM THE <i>East</i> LINE OF SEC. <i>33</i> TWP. <i>25-S</i> RGE. <i>37E</i> NMPM		12. County <i>Lea</i>	
19. Proposed Depth <i>PBTD 2900'</i>		19A. Formation <i>Talmat Yates</i>	
21. Elevations (Show whether DE, RT, etc.) <i>—</i>		20. Rotary or C.T.	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start <i>2-1-77</i>	
21B. Drilling Contractor			

PROPOSED CASING AND CEMENT PROGRAM

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

The Shahan 33 NO. 1 was completed as a Langlie matrix oil well in 1957 and is now shut-in after having produced 28,000 BO. IT is proposed to recomplate as a Talmat Yates Gas well as follows:

Set wire line CIBP AT 2900' and SPOT ^{35'} 10-15' OF CMT. ON TOP OF CIBP. SPOT 270 Gals 7 1/2% Acid 2650'-2809' and Perf AT 2706, 12, 20, 28 43, 50, 56, 90' and 2809' w/ 1TSPF. Treat w/ 1500 Gals 7 1/2% Acid; 10,000 Gals - 36,000 wtr sand Frac. If doesn't flow, set RBP AT 2670' and spot 230 Gals 7 1/2% Acid 2490'-2634'; Perf 2562', 68, 75, 84, 95; 2603', 10, 18, 28, 34 w/ 1TSPF. Treat w/ 1700 Gals 7 1/2% Acid; 10,000 Gals - 36,000 wtr sand Frac. Run 2 3/8" Production Tbg and snub well 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 *Wm. A. Lunt* Title *ADMIN. SUPERV.* Date *12-30-76*
(This space for State Use)

APPROVED BY *Oil & Gas Insp.* TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC (6), Partners (3) File

Expires 1/5/78

JAN 5 1977