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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-1923

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		South Wilson State Com	
2. Name of Operator		9. Well No.	
TEXAS OIL & GAS CORP		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
900 Wilco Bldg., Midland, Texas 79701		Undesignated (Morrow)	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 1800 FEET FROM THE south LINE		Lea	
AND 1980 FEET FROM THE east LINE OF SEC. 14 TWP. 21S R5E. 34E NMPM			
19. Proposed Depth		19A. Formation	
12,750'		Morrow	
20. Rotary or C.T.		Rotary	
21. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket-Renewed & upgraded to \$50,000		April 25, 1978	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket-Renewed & upgraded to \$50,000		Warton	
21. Elev. Notes (Show whether DE, RT, etc.)		22. Approx. Date Work will start	
3681 Gr.		April 25, 1978	

## 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	530	500	SURF
12-1/4"	8-5/8"	32	5710	2300	SURF
7-7/8"	5-1/2"	17 & 20	12750	900	9000

- 1) Drill 17-1/2" hole to 530' with FW spud mud and set 13-3/8", 48#, H-40, ST&C casing. Circulate cement to surface.
- 2) Nipple up BOP stack (see attached diagram) and drill out with 12-1/4" bit using brine water. Drill through salt w/brine and mix gel & LCM for lost circulation in Basal Yates. Set 8-5/8", 32#, S-80 & K-55, ST&C @ 5710' or top of Delaware. Cement to surface using a DV tool at 4000' for 2nd stage job.
- 3) Drill out with 7-7/8" bit using FW. Drill to 10,600' (into the Wolfcamp) and pressure up on hole to test integrity to 11.7 PPG. If hole stands up, drill to TD, adjusting weight as necessary for gas control with gel and barite. Set 5-1/2" casing from TD back to surface and cement in place. If hole will not tolerate 11.7 PPG mud, set 7", 26#, N-80, FJ liner 5400'-10600' and drill to TD w/6" bit for completion through a 4-1/2" production liner set 10400-12750'.

Gas under Cities Services Co & ARCO is partially dedicated and under Phillips, Union of California, Wilson, Wyoming is not dedicated.

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 [Signature] Title District Drilling Engineer Date           

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JUN 29 1970

CONDITIONS OF APPROVAL, IF ANY: