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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
V-139

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Osuda State	
2. Name of Operator Texas Oil & Gas Corp.		9. Well No. 1	
3. Address of Operator 900 Wilco Bldg., Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated (Morrow)	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>29</u> TWP. <u>20S</u> RGE. <u>36E</u> NMPM		12. County Lea	
19. Proposed Depth 11,600'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3634.9 Gr.	
21A. Kind & Status Plug. Bond Blanket-Renewed & upgraded to \$50,000		21B. Drilling Contractor Warton	
22. Approx. Date Work will start July 1, 1978			

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	500	500	SURF
12-1/4	8-5/8	32	5600	2200	SURF
7-7/8	4-1/2	11.6 & 13.5	11600	900	8500

- 1) Drill 17-1/2" hole to 500' 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 @ 5600' or top of Delaware. Cement to surface using a DV tool at approximately 3750' for 2nd stage job.
- 3) Drill out with 7-7/8" bit using FW. Drill to 9800' (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 4-1/2" 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 5400-9800' and drill to TD w/6" bit for completion through a 4-1/2" production liner set 9600-11600'.

GAS 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 S. P. Baker Title District Drilling Engineer Date June 8, 1978

(This space for State Use)

Orig. Signed by

Les. Clemons

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: Oil &amp; Gas Corp.

JUL 8 1978