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NEW MEXICO OIL CONSERVATION COMMISSION
MAR - 7 1978
O. C. C.
ARTESIA, OFFICE

30-015-22448

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. L 5098	

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 Indian Hills State Com	
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>G</u> LOCATED <u>1650</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>36</u> TWP. <u>20S</u> RGE. <u>24E</u> NMPM		12. County Eddy	
19. Proposed Depth 9900'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3604.8	
21A. Kind & Status Plug, Bond Blanket-Renewed & upgraded 1/6/78		21B. Drilling Contractor Warton Drlg Co.	
22. Approx. Date Work will start March 15, 1978			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	400'	450	SURF
12¼"	8-5/8"	24# & 32#	3,000'	1200	SURF
7-7/8"	4-1/2"	11.6#	9,900'	950	6,000

- 1) Drill 17½" hole to 400' w/FW spud mud. Set 13-3/8" csg and cement to surface.
- 2) Drill out with 12¼" bit using fresh water. Drill to 3,000' - dry drill if necessary. Set 8-5/8" casing and cement to surface.
- 3) Drill out with 7-7/8" bit using fresh water. Drill to 7,000' or top of Wolfcamp with fresh water. Displace hole with 10# brine and drill to 8500'.
- 4) At 8500' or top of Strawn, mud up with pre-mix bentonite and drispac for 9.8-10.3 ppg wt, 36-45 Vis, 5 WL. Drill to TD of 9900'.
- 5) DST & run open hole log. Run 4½" casing and complete through perforations.

GAS NOT DEDICATED

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 6-13-78

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 March 6, 1978

(This space for State Use)

APPROVED BY W. A. Grissett TITLE SUPERVISOR, DISTRICT II DATE MAR 13 1978

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 13 3/8" + 8 1/8" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 5/8" casing