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NEW MEXICO OIL CONSERVATION COMMISSION

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. K-3424	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Gulf State
2. Name of Operator Morris R. Antweil		9. Well No. 1
3. Address of Operator P. O. Box 2010, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Undesignated <i>Cline</i>
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>23S</u> RGE. <u>37E</u> NMPM		12. County Lea
19. Proposed Depth 7250'		19A. Formation Abo
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3296.4 GR
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Kenai
22. Approx. Date Work will start October 12, 1983		

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"	54.50#	1200'	925	circ
11"	8 5/8" *	24 + 32#	4200'	1100	circ
7 7/8"	5 1/2"	15.5 + 17#	7250'	700	3100'

\* Will set if waterflow encountered in sufficient volume to warrant.

- 1) Drill 17 1/2" hole to top of salt section.
- 2) Run 13 3/8" casing and circulate cement. WOC 18 hours.
- 3) Test casing and BOP to 1000 psi.
- 4) Drill out with 11" bit. Drill to 4200'. Check for waterflow.
- 5) Set 8 5/8" casing if water flow encountered, or Reduce hole size to 7 7/8". WOC 18 hours and test casing to 1500 psi if set 8 5/8".
- 6) Drill 7 7/8" hole to TD. Log well.
- 7) Run 5 1/2" casing and cement with sufficient cement to cover potential producing formations.
- 8) Perforate, treat, and production test.

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 *Jerry Sexton* Title Agent Date October 5, 1983

(This space for State Use)  
ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR

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

CONDITIONS OF APPROVAL, IF ANY:

OCT 12 1983

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 4-12-84  
UNLESS DRILLING UNDERWAY

RECEIVED  
OCT 6 1983  
O.C.D.  
HOBBS OFFICE