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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
E-5881

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER H LOCATED 2310' FEET FROM THE North LINE
AND 330' FEET FROM THE East LINE OF SEC. 3 TWP. 16-S RGE. 32-E NMPD.

7. Unit Agreement Name

8. Form or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

N. Anderson Ranch Wolfcamp
UNDESIGNATED

12. County

Lea

11. Elevations (show whether DT, H, etc.)

4312.0' GR

21A. Kind & Status Plug. Bond

Blanket-on-file

19. Proposed Depth

10,400'

19A. Formation

Wolfcamp

20. History of C.T.

Rotary

21B. Drilling Contractor

N/A

22. Approx. Date Work will start

On or before 1-10-85

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>17 1/2"</u>	<u>13 3/8"</u>		<u>400'</u>	<u>Circulate</u>	<u>Surf</u>
<u>11" or 12 1/4"</u>	<u>8 5/8"</u>		<u>4150'</u>	<u>Tie back to 13 3/8"</u>	<u>400'</u>
<u>7 7/8"</u>	<u>5 1/2"</u>		<u>10,400'</u>	<u>Tie back to 500' above Wolfcamp</u>	<u>8500'</u>

Propose to drill and equip the subject well in the Wolfcamp formation. After reaching TD logs will be run and evaluated. Rehydrate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0-400' Native fresh water
400-4150' Saturated Brine
4150-TD Cut brine min. properties

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5/16/85
UNLESS DRILLING UNDERWAY

BOP diagram attached

0+6 NMUCD, H 1-J.R. Barnett, Hon 1-F.J. Nash, Hon 1-GCC 1-Gulf. Hobbs 1-Huff, Mid.

4. ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Larry C. Clark Title Asst. Admin. Analyst Date 11-14-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

NOV 16 1984

DATE