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U.S.G.S.	
LAND OFFICE	
OPERATION	

API # 30-007-20062

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 b. Type of Well
 OIL WELL ☐ GAS WELL ☒ OTHER ☐
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 SINGLE ZONE ☒ MULTIPLE ZONE ☐
 2. Name of Operator
 Pennzoil Company
 3. Address of Operator
 P.O. Box 2967, Houston, Texas 77001 Attn: Kenneth R. Huddleston
 4. Location of Well
 UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE
1980 FEET FROM THE East LINE OF SEC. 21 TWP. 26N RGE. 22E NEEDLE

5A. Indicate Type of Lease
 STATE ☐ REC. ☒
 5. State Oil & Gas Lease No.
 7. Unit Agreement Name
 8. Farm or Lease Name
 Vermejo Ranch 21
 9. Well No.
 4
 10. Field and Pool, or Wildcat
 Wildcat
 12. County
 Colfax

19. Proposed Depth
 4500'
 19A. Formation
 Glorietta
 20. Rotary or C.T.
 Rotary
 21. Elevations (Show whether Dr, E, etc.)
 5900' G. L.
 21A. Kind & Status Plug. Bond
 Blanket
 21B. Drilling Contractor
 Triple L
 22. Approx. Date Work will start
 5-14-81

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	10-3/4"	40.5	250'	250	Surface
9-7/8"	5-1/2"	17.0	4500'	870	2000 ±

1. Drill 14-3/4" hole to 250'.
2. Set 10-3/4" casing and cement to surface.
3. Nipple up BOPS (one 10" 3000 psi WP pipe rams, one 10" 3000 psi WP blind ram, and rotating head). Test BOPS, lines, valves and manifold to 3000 psi.
4. Drill 9-7/8" hole to TD with air.
5. Log well.
6. Set 5-1/2" casing and cement to ± 2000'.

Quad 21

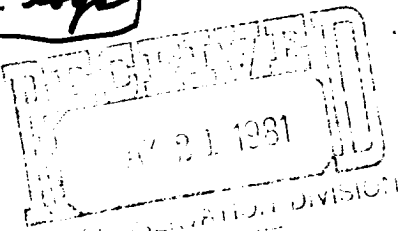
5/13: Moving on
 5/21: Logging, prep run csg
 5/22: Plug back for wtr well.

we have logs

COLLECT AND SACK SAMPLES FOR
 NEW MEXICO BUREAU OF MINES, SOCORRO
 AT AT LEAST TEN FOOT INTERVALS

Range to take over

CONV. TO WTR WELL



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW 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 Kenneth R. Huddleston Title Sr. V. P. Production Date May 15, 1981
 (This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 5/22/81

CONDITIONS OF APPROVAL, IF ANY

± 4 mi N of Springer
 ± 6 mi S of Maxwell

APPROVAL VALID FOR 90 DAYS