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API #30-007-20060

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Vermejo Ranch
2. Name of Operator Pennzoil Company		9. Well No. 2
3. Address of Operator P.O. Box 2967, Houston, Texas 77001 Attn: Kenneth R. Huddleston		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1883</u> FEET FROM THE <u>South</u> LINE AND <u>668</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>31N</u> RGE. <u>17E</u> NEPTIS		12. County Colfax
19. Proposed Depth 4500'		19A. Formation Dakota
20. Rotary or C.T. Rotary		
11. Elevations (show whether DF, ET, etc.) 8111' G.L.	21A. Kind & Status Plug. Bond Blanket	22. Approx. Date Work will start 5-14-81

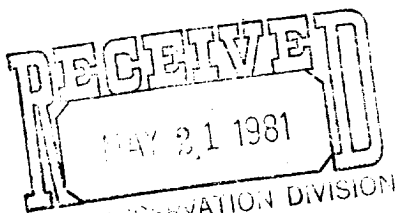
23.

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'.

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



OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

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 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:

APPROVAL VALID FOR 90 DAYS
PERMIT NO. 8-20-81
UNLESS DRILLING UNDERWAY