

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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*Bob Berger*  
*API # 30-007-20061*

5A. Indicate Type of Lease  
 ESTATE  FCC

5. State Oil & Gas Lease No.

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

7. Unit Agreement Name  
 8. Form or Lease Name  
 Vermejo Ranch

2. Name of Operator  
 Pennzoil Company

9. Well No.  
 3

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 E LOCATED 2310 FEET FROM THE North LINE  
990 FEET FROM THE West LINE OF SEC. 33 TWP. 32N RGE. 17E RANGE

12. County  
 Colfax

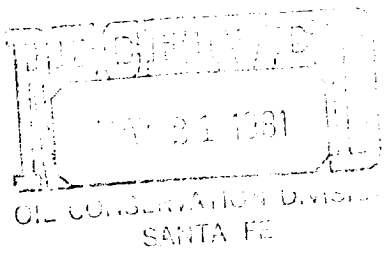
**ILLEGIBLE**

19. Proposed Depth 4500' 19A. Formation Dakota 20. Rotary or C.T. Rotary  
 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'.



*6/4*  
*6/15 - Prep P&A*  
 COLLECT AND SAVE SAMPLES FOR  
 NEW MEXICO BUREAU OF MINES, SOCORRO  
 AT LEAST TEN FOOT INTERVALS  
 6/15 - P&A @ 3992'  
 IDENTIFIED OPERATIONS

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.

*Kenneth R. Huddleston* Title Sr. V. P. Production Date May 15, 1981  
 (This space for State Use)

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

CONDITIONS OF APPROVAL, IF ANY:  
 APPROVAL VALID FOR 90 DAYS  
 PERMIT EXPIRES 8-20-81  
 UNLESS DRILLING UNDERWAY