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P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

API # 30-007-20060

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                         |  |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|
| 1a. Type of Work<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                                                                        |  | 7. Unit Agreement Name                      |
| b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 8. Farm or Lease Name<br>Vermejo Ranch      |
| 2. Name of Operator<br>Pennzoil Company                                                                                                                                                                                 |  | 9. Well No.<br>2                            |
| 3. Address of Operator<br>P.O. Box 2967, Houston, Texas 77001 Attn: Kenneth R. Huddleston                                                                                                                               |  | 10. Field and Pool, or Wildcat<br>Wildcat   |
| 4. Location of Well<br>UNIT LETTER <u>I</u> LOCATED <u>1883</u> FEET FROM THE <u>South</u> LINE<br>AND <u>668</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>31N</u> RGE. <u>17E</u>                       |  | 12. County<br>Colfax                        |
| 19. Proposed Depth<br>4500'                                                                                                                                                                                             |  | 15A. Formation<br>Dakota                    |
| 21A. Kind & Status Plug. Bond<br>Blanket                                                                                                                                                                                |  | 20. Rotary or C.T.<br>Rotary                |
| 21B. Drilling Contractor<br>Triple L                                                                                                                                                                                    |  | 22. Approx. Date Work will start<br>5-14-81 |
| 21. Elevations (show whether Dr, El, etc.)<br>8111' G.L.                                                                                                                                                                |  |                                             |

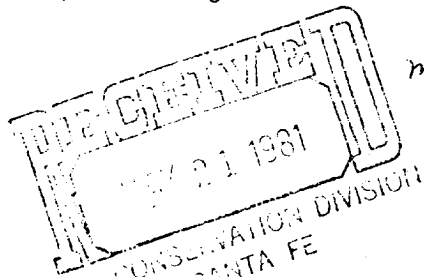
23.

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'.

Comp. for prod.



move on ± 6/16  
Set surf 6/16  
Set TD 6/25

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

OIL CONSERVATION DIVISION TO BE COMPLETED  
WITHIN 60 DAYS OF BEGINNING OPERATIONS  
Blowing 6/25 (OVER)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATE ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW  
LIVE 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 Ulvay TITLE: SENIOR PETROLEUM GEOLOGIST DATE: 5/22/81  
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 90 DAYS

PERMIT NO. 8-20-81

6/29: Eric Miller (EDP Management Co.) requested forms  
for completion

5610 Westheimer  
Rm 573  
Houston 77056

7 5/8" @ 1340'

T/pay @ 3500'

T.D. @ 3737'

Prod csg w/packer @ 3383'