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Form C-105  
Revised 11-1-84

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |

|                                              |                                    |
|----------------------------------------------|------------------------------------|
| 1a. TYPE OF WELL                             |                                    |
| b. TYPE OF COMPLETION                        |                                    |
| OIL WELL <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/>  |
| NEW WELL <input checked="" type="checkbox"/> | WORK OVER <input type="checkbox"/> |
| DEEPEN <input type="checkbox"/>              | PLUG BACK <input type="checkbox"/> |
| DIFF. RESVR. <input type="checkbox"/>        | OTHER <input type="checkbox"/>     |

|                                |
|--------------------------------|
| 7. Unit Agreement Name         |
| 8. Farm or Lease Name          |
| Viersen                        |
| 9. Well No.                    |
| 2                              |
| 10. Field and Pool, or Wildcat |
| Shipp Strawn                   |

|                                              |  |
|----------------------------------------------|--|
| 2. Name of Operator                          |  |
| Pennzoil Company                             |  |
| 3. Address of Operator                       |  |
| P. O. Drawer 1828, Midland, Texas 79702-1828 |  |
| 4. Location of Well                          |  |

|             |      |              |      |               |       |          |      |           |
|-------------|------|--------------|------|---------------|-------|----------|------|-----------|
| UNIT LETTER | 0    | LOCATED      | 1300 | FEET FROM THE | South | LINE AND | 1650 | FEET FROM |
| THE         | East | LINE OF SEC. | 4    | TWP.          | 17-S  | RGE.     | 37-E |           |

|            |
|------------|
| 12. County |
| Lea        |

|                  |                       |                                  |                                        |
|------------------|-----------------------|----------------------------------|----------------------------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GK, etc.) |
| 10-23-85         | 11-21-85              | 12-1-85                          | 3774 GL, 3791.9 KB                     |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               |
| 11,281'          | 11,232'               |                                  | Rotary Tools                           |

|                                 |
|---------------------------------|
| 19. Elev. Casinghead            |
| 0 - TD                          |
| 25. Was Directional Survey Made |
| No                              |
| 27. Was Well Cored              |
| Yes                             |

|                                                                   |  |
|-------------------------------------------------------------------|--|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name |  |
| 11,059 - 11,123 Strawn                                            |  |
| 26. Type Electric and Other Logs Run                              |  |
| CDL/CNL, DLL/MSFL                                                 |  |

| 29. CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|----------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 13-3/8"                                            | 48#            | 406'      | 17-1/2"   | 420 SX           |               |
| 8-5/8"                                             | 28#            | 4,200'    | 11"       | 1,340 SX         |               |
| 5-1/2"                                             | 17#            | 11,280'   | 7-7/8"    | 400 SX           |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 10,946'   | 10,946 RKB |

|                                                                                                                     |                               |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 31. Perforation Record (Interval, size and number)                                                                  |                               |
| 11,059-61-66-68-70-72-74-76-78-80-82-84-86-88-90-92-95-97-99-101-105-107-109-111-115-117-121-123; (1 JSPF 28 holes) |                               |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                      |                               |
| DEPTH INTERVAL                                                                                                      | AMOUNT AND KIND MATERIAL USED |
| 11,059-11,123'                                                                                                      | 5000 gals. 15% NEFE HCL acid  |

|                       |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 12-1-85               |                 | Flowing                                                             |                         |            |              | Producing                      |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 12-1-85               | 24              | 40/64"                                                              |                         | 890        | 736          | 0                              | 826.97          |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 275                   | Packer          |                                                                     | 890                     | 736        | 0            | 45°                            |                 |

|                                                            |  |
|------------------------------------------------------------|--|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) |  |
| Flared during test                                         |  |
| Test Witnessed By                                          |  |
| Gene Atkins                                                |  |

|                                                         |  |
|---------------------------------------------------------|--|
| 35. List of Attachments                                 |  |
| Logs, Deviation Survey, DST Summary, Temperature Survey |  |

|                                                                                                                                         |                  |         |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|---------|
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. |                  |         |
| SIGNED                                                                                                                                  | TITLE            | DATE    |
| Francis P. Rodriguez                                                                                                                    | Adv. Engr. Tech. | 12-3-85 |

## INSTRUCTIONS

This form is to be filed with the District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                            |                             |                        |
|--------------------------|----------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____            | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn <u>10975</u>     | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka <u>11237</u>      | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____              | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____          | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____          | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____           | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____           | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta <u>6338</u>  | T. McKee _____             | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____       | T. Dakota _____             | T. _____               |
| T. Blinberry _____       | T. Gr. Wash _____          | T. Morrison _____           | T. _____               |
| T. Tubb <u>8080</u>      | T. Granite _____           | T. Todilto _____            | T. _____               |
| T. Drinkard <u>8310</u>  | T. Delaware Sand _____     | T. Entrada _____            | T. _____               |
| T. Abo <u>8848</u>       | T. Bone Springs _____      | T. Wingate _____            | T. _____               |
| T. Wolfcamp <u>10550</u> | T. <u>U/Clearfork 7058</u> | T. Chinle _____             | T. _____               |
| T. Penn. <u>10720</u>    | T. _____                   | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                   | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness<br>in Feet | Formation                             | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|---------------------------------------|------|----|----------------------|-----------|
| 0     | 6338  | 6338                 | Redshale, Sand, Andydrite<br>Dolomite |      |    |                      |           |
| 6338  | 8080  | 1742                 | Dolomite                              |      |    |                      |           |
| 8080  | 8310  | 230                  | Siltstone                             |      |    |                      |           |
| 8310  | 10720 | 2410                 | Dolomite & Shale                      |      |    |                      |           |
| 10720 | 11035 | 315                  | Shale & Limestone                     |      |    |                      |           |
| 11035 | 11210 | 175                  | Limestone                             |      |    |                      |           |
| 11210 | 11274 | 64                   | Sand & Shale                          |      |    |                      |           |

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