

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

|                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------|--|
| WELL API NO.<br>30-025-32066                                                                        |  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |  |
| 6. State Oil & Gas Lease No.<br>A-1320                                                              |  |
| 7. Lease Name or Unit Agreement Name<br>East Vacuum Gb/SA Unit<br>Tract 3202                        |  |
| 8. Well No.<br>021                                                                                  |  |
| 9. Pool name or Wildcat<br>Vacuum Gb/SA                                                             |  |

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|                                                                                                                                                                                                                                                 |  |                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                 |  | 7. Lease Name or Unit Agreement Name<br>East Vacuum Gb/SA Unit<br>Tract 3202 |
| b. Type of Completion:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> FLUD BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> |  |                                                                              |
| 2. Name of Operator<br>Phillips Petroleum Company                                                                                                                                                                                               |  | 8. Well No.<br>021                                                           |
| 3. Address of Operator<br>4001 Penbrook Street, Odessa, TX 79762                                                                                                                                                                                |  | 9. Pool name or Wildcat<br>Vacuum Gb/SA                                      |

|                                                                                                                                                                                                                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 4. Well Location<br>Unit Letter <u>0</u> : <u>1300</u> Feet From The <u>South</u> Line and <u>2180</u> Feet From The <u>East</u> Line<br>Section <u>32</u> Township <u>17-S</u> Range <u>35-E</u> NMPM Lea County |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                                                                             |                                   |                                              |                                                     |                                       |
|---------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-----------------------------------------------------|---------------------------------------|
| 10. Date Spudded<br>10-18-93                                                                | 11. Date T.D. Reached<br>10-27-93 | 12. Date Compl. (Ready to Prod.)<br>11-29-93 | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3960' GR | 14. Elev. Casinghead<br>---           |
| 15. Total Depth<br>4830'                                                                    | 16. Plug Back T.D.<br>4785'       | 17. If Multiple Compl. How Many Zones?       | 18. Intervals Drilled By<br>Rotary Tools<br>0-TD    | Cable Tools<br>--                     |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>4342'-4578' San Andres |                                   |                                              |                                                     | 20. Was Directional Survey Made<br>No |
| 21. Type Electric and Other Logs Run<br>Sonic/GR; DLL/MSFL/GR/CALP                          |                                   |                                              |                                                     | 22. Was Well Cored<br>No              |

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD           | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|----------------------------|---------------|
| 8-5/8"      | 24#           | 1575'     | 12-1/4"   | 800 sx C1 C                | Surface       |
| 5-1/2"      | 15.5#         | 4830'     | 7-7/8"    | 800 sx C 65/35 Poz         | Surface       |
|             |               |           |           | Tail w/350 sx C 50/50 poz. |               |
|             |               |           |           |                            |               |
|             |               |           |           |                            |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 4660'     |            |
|                  |     |        |              |        |                   |           |            |

|                                                                                                                 |                                                 |                                     |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------|
| 26. Perforation record (interval, size, and number)<br>4504'-4578' 2SPF 100 Shots<br>4342'-4488' 2SPF 176 Shots | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                     |
|                                                                                                                 | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED       |
|                                                                                                                 | 4504'-4578'                                     | Acdzd w/5000 gals 15% Fer-<br>check |
| 4342'-4488'                                                                                                     | Acdzd w/8800 gals 15% Fer-<br>check             |                                     |

**PRODUCTION**

|                                                                    |                    |                                                                                                   |                        |                   |                 |                                             |                          |
|--------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|------------------------|-------------------|-----------------|---------------------------------------------|--------------------------|
| 28. Date First Production<br>12-2-93                               |                    | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>2-1/2" x 1-3/4" x 22' Pump |                        |                   |                 | Well Status (Prod. or Shut-in)<br>Producing |                          |
| Date of Test<br>1-14-94                                            | Hours Tested<br>24 | Choke Size                                                                                        | Prod'n For Test Period | Oil - Bbl.<br>117 | Gas - MCF<br>47 | Water - Bbl.<br>88                          | Gas - Oil Ratio<br>402/1 |
| Flow Tubing Press.                                                 | Casing Pressure    | Calculated 24-Hour Rate                                                                           | Oil - Bbl.             | Gas - MCF         | Water - Bbl.    | Oil Gravity - API - (Corr.)<br>38°          |                          |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                    |                                                                                                   |                        |                   |                 | Test Witnessed By<br>Don Thorp              |                          |

|                                                                                 |
|---------------------------------------------------------------------------------|
| 30. List Attachments<br>C104 & Deviation Survey. Logs have already been mailed. |
|---------------------------------------------------------------------------------|

31. 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

Signature L.M. Sanders Printed Name L.M. Sanders Title Supervisor Reg. Affairs Date 01-17-94

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 run 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 25 through 29 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

|                          |                        |
|--------------------------|------------------------|
| T. Anhy _____ 1505       | T. Canyon _____        |
| T. Salt _____ 1622       | T. Strawn _____        |
| B. Salt _____ 2847       | T. Atoka _____         |
| T. Yates _____ 2847      | T. Miss _____          |
| T. 7 Rivers _____ 3145   | T. Devonian _____      |
| T. Queen _____ 3715      | T. Silurian _____      |
| T. Grayburg _____ 4030   | T. Montoya _____       |
| T. San Andres _____ 4330 | T. Simpson _____       |
| T. Glorieta _____        | T. McKee _____         |
| T. Paddock _____         | T. Ellenburger _____   |
| T. Blinebry _____        | T. Gr. Wash _____      |
| T. Tubb _____            | T. Delaware Sand _____ |
| T. Drinkard _____        | T. Bone Springs _____  |
| T. Abo _____             | T. _____               |
| T. Wolfcamp _____        | T. _____               |
| T. Penn _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               |

### Northwestern New Mexico

|                             |                        |
|-----------------------------|------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Cliff House _____        | T. Leadville _____     |
| T. Menefee _____            | T. Madison _____       |
| T. Point Lookout _____      | T. Elbert _____        |
| T. Mancos _____             | T. McCracken _____     |
| T. Gallup _____             | T. Ignacio Otzte _____ |
| Base Greenhorn _____        | T. Granite _____       |
| T. Dakota _____             | T. _____               |
| T. Morrison _____           | T. _____               |
| T. Todilto _____            | T. _____               |
| T. Entrada _____            | T. _____               |
| T. Wingate _____            | T. _____               |
| T. Chinle _____             | T. _____               |
| T. Permian _____            | T. _____               |
| T. Penn "A" _____           | T. _____               |

### OIL OR GAS SANDS OR ZONES

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| No. 1, from _____ 4330 _____ to _____ 4673 _____ | No. 3, from _____ to _____ |
| No. 2, from _____ to _____                       | No. 4, 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 _____ | _____ feet _____ |
| No. 2, from _____ to _____ feet _____ | _____ feet _____ |
| No. 3, from _____ to _____ feet _____ | _____ feet _____ |

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology                      | From | To   | Thickness<br>in Feet | Lithology              |
|------|------|----------------------|--------------------------------|------|------|----------------------|------------------------|
| 0    | 250  |                      | Sandstone                      | 3715 | 4030 |                      | Sand, Anhydrite, Shale |
| 250  | 1190 |                      | Shale, Sandstone               | 4030 | 4330 |                      | Dolomite, Sand         |
| 1190 | 1505 |                      | Sandstone, Shale,<br>Anhydrite | 4330 | 4830 |                      | Dolomite               |
| 1505 | 1622 |                      | Anhydrite                      |      |      |                      |                        |
| 1622 | 2847 |                      | Salt, Anhydrite                |      |      |                      |                        |
| 2847 | 3145 |                      | Shale, Sand, Dolomite          |      |      |                      |                        |
| 3145 | 3715 |                      | Anhydrite, Shale               |      |      |                      |                        |