

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
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| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

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

|                                                                      |                                    |
|----------------------------------------------------------------------|------------------------------------|
| 10. TYPE OF WELL                                                     |                                    |
| OIL WELL <input checked="" type="checkbox"/>                         | GAS WELL <input type="checkbox"/>  |
| DRY <input type="checkbox"/> OTHER <input type="checkbox"/>          |                                    |
| 11. TYPE OF COMPLETION                                               |                                    |
| 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          |
| State A                        |
| 9. Well No.                    |
| 37                             |
| 10. Field and Pool, or Wildcat |
| Hobbs Drinkard                 |

|                              |  |
|------------------------------|--|
| 1. Name of Operator          |  |
| Amoco Production Company     |  |
| 2. Address of Operator       |  |
| P. O. Box 68 Hobbs, NM 88240 |  |
| 3. Location of Well          |  |

|               |              |                     |               |           |
|---------------|--------------|---------------------|---------------|-----------|
| UNIT LETTER J | LOCATED 1980 | FEET FROM THE South | LINE AND 1832 | FEET FROM |
|---------------|--------------|---------------------|---------------|-----------|

|          |                |           |           |       |
|----------|----------------|-----------|-----------|-------|
| THE East | LINE OF SEC. 4 | TWP. 19-S | RGE. 38-E | NMMPM |
|----------|----------------|-----------|-----------|-------|

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, R&B, RT, GR, etc.) | 19. Elev. Casinghead |
| 1-12-80          | 2-9-80                | 4-23-80                          | 3621.2 RDB                             |                      |

|                 |                    |                                  |                          |              |             |
|-----------------|--------------------|----------------------------------|--------------------------|--------------|-------------|
| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
| 7097'           | 7060'              |                                  |                          | 0-TD         |             |

|                                                                   |  |  |  |                                 |
|-------------------------------------------------------------------|--|--|--|---------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name |  |  |  | 25. Was Directional Survey Made |
| 6742'-6894' Drinkard                                              |  |  |  | No                              |

|                                                     |  |  |  |                    |
|-----------------------------------------------------|--|--|--|--------------------|
| 26. Type Electric and Other Logs Run                |  |  |  | 27. Was Well Cored |
| Comp Neutron Form Density; Dual Laterolog Micro SFL |  |  |  | No                 |

| 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#            | 395'      | 17-1/2"   | 450 SX Class C   | Circ 30 SX    |
| 9-5/8"                                         | 36#            | 4302'     | 12-1/4"   | 1000 SX Class C  | Circ 88 SX    |
| 7"                                             | 20#, 23#, 26#  | 7096'     | 8-3/4"    | 700 SX Class C   | TCMT 2935'    |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-3/8"        | 6928'     |            |

|                                                    |                                                |                               |
|----------------------------------------------------|------------------------------------------------|-------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SPOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|                                                    | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    | 6742'-6894'                                    | 15000 gal 15% HCL Acid        |
|                                                    | 6742'-6894'                                    | 48000 gal Terra-Frac 30       |
|                                                    | 30,000# 20/40 sand X                           |                               |
|                                                    | 9,000# 10/20 sand                              |                               |

| PRODUCTION            |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 4-5-80                |                 | Pumping                                                             |                         |            |              | Producing                      |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 4-23-80               | 24              |                                                                     |                         | 6          | 168          | 46                             | 28000           |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
|                       |                 |                                                                     | 6                       | 168        | 46           |                                |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| To be sold                                                 |                   |

|                         |
|-------------------------|
| 35. List of Attachments |
| Logs mailed 3-27-80     |

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 | Bob Davis | TITLE | Admin. Analyst | DATE | 4-24-80 |
|--------|-----------|-------|----------------|------|---------|

0+4-NMOCD, H

1-Hou

1-Susp

1-BD

## 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 log activity log run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by the, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 3b through 3d shall be reported for each zone. The form is to be filed in duplicate except on state land, where six copies are required. (Circular 1135)

## 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 _____        | T. Kirtland-Fruitland _____ | T. Penn. "CM" _____    |
| D. Salt _____            | T. Atoka _____         | 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. Eibert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quito _____ |
| T. Glorieta 5325'        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blindery 5635'        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tebb 6426'            | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Darkard 6636'         | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Pough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from 6742' to 6894' | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, 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 None 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 in Feet | Formation        | From  | To    | Thickness in Feet | Formation |
|-------|-------|-------------------|------------------|-------|-------|-------------------|-----------|
| 0'    | 435'  | 435               | Surface          | 6428' | 7023' |                   | Lime      |
| 435'  | 1482' |                   | Red bed          | 7023' | 7097' |                   | Dolomite  |
| 1482' | 1658' |                   | Anhydrite        |       |       |                   |           |
| 1658' | 2187' |                   | Anhydrite & salt |       |       |                   |           |
| 2187' | 2631' |                   | Anhydrite        |       |       |                   |           |
| 2631' | 2775' |                   | Lime             |       |       |                   |           |
| 2775' | 2844' |                   | Anhydrite & Lime |       |       |                   |           |
| 2844' | 2908' |                   | Lime             |       |       |                   |           |
| 2908' | 3021' |                   | Anhydrite & Lime |       |       |                   |           |
| 3021' | 5971' |                   | Lime             |       |       |                   |           |
| 5971' | 6092' |                   | Dolomite         |       |       |                   |           |
| 6092' | 6428' |                   | Dolomite & Lime  |       |       |                   |           |

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OIL CONSERVATION DIV.