

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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| DISTRIBUTION           |  |
| 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.                                           |
| L-4883                                                                 |

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

|                        |
|------------------------|
| 7. Unit Agreement Name |
| 8. Farm or Lease Name  |
| State HR               |

|                               |
|-------------------------------|
| 2. Name of Operator           |
| AMOCO PRODUCTION COMPANY      |
| 3. Address of Operator        |
| P. O. Box 68, Hobbs, NM 88240 |

|                              |
|------------------------------|
| 9. Well No.                  |
| 1                            |
| 10. Field and Pool, or Tract |
| Und. Upper Bone Springs      |

|                                                                            |
|----------------------------------------------------------------------------|
| 4. Location of Well                                                        |
| UNIT LETTER C LOCATED 330 FEET FROM THE North LINE AND 1980 FEET FROM West |
| LINE OF SEC. 36 TWP. 18-S RGE. 34-E NMPN                                   |

|            |
|------------|
| 11. County |
| Lea        |

|                                        |
|----------------------------------------|
| 15. Date <del>Completed</del> OC       |
| 16. Date T.D. Reached                  |
| 17. Date Compl. (Ready to Prod.)       |
| 18. Elevations (DF, RKB, RT, GR, etc.) |
| 19. Elev. Casinghead                   |

|                 |
|-----------------|
| 20. Total Depth |
| 10975           |

|                                  |
|----------------------------------|
| 21. Plug Back T.D.               |
| 10862                            |
| 22. If Multiple Compl., How Many |
| 23. Intervals Drilled By         |
| 24. Rotary Tools                 |
| 0-TD                             |

|             |
|-------------|
| Cable Tools |
| none        |

|                                                                   |
|-------------------------------------------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name |
| 9044'-9312' Bone Springs                                          |

|                                 |
|---------------------------------|
| 25. Was Directional Survey Made |
| no                              |

|                                                           |
|-----------------------------------------------------------|
| 26. Type Electric and Other Logs Run                      |
| Comp, Neutron formation density; Dual Laterolog Micro-SFL |

|                    |
|--------------------|
| 27. Was Well Cores |
| no                 |

## 28. 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             | 300'      | 17-1/2"   | 325 sx class C            | circ. 61 sx   |
| 9-5/8"      | 36             | 4000      | 12-1/4"   | 1835 sx lite, 200 class C | Circ. 100 sx  |
| 5-1/2"      | 20             | 10975'    | 8-3/4"    | 1700 sx lite, 900 class H | TCMT 65'      |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 9330'     |            |

|                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number)                                                                                                                                                              |
| 9184'-90', 9192'-96', 9200'-06', 9218'-24', 9232'-36', 9242'-50', 9258'-64', 9270'-80', 9284'-92' and 9296'-9312' w/2 SPF 9044'-48', 9050'-56', 9060'-72', 9080'-86', 9094'-9104', 9110'-26', 9131'-40' w/2 SPF |

|                                                |                               |
|------------------------------------------------|-------------------------------|
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
| DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| 9184'-9312'                                    | 7000 gal 15% NE HCL           |
| 9184'-9312'                                    | 15586 gal 40# crosslinked gel |
| 9044'-9140                                     | 5800 gal 15% HCL              |

|                       |                                                                     |                                |                         |            |              |                           |                 |
|-----------------------|---------------------------------------------------------------------|--------------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 33. PRODUCTION        |                                                                     |                                |                         |            |              |                           |                 |
| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in) |                         |            |              |                           |                 |
| 3-12-84               | pump                                                                | producing                      |                         |            |              |                           |                 |
| Date of Test          | Hours Tested                                                        | Cable Size                     | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
| 3-14-84               | 24                                                                  |                                |                         | 101        | 29           | 38                        | 287             |
| Flow Tubing Press.    | Casing Pressure                                                     | Calculated 24-Hour Rate        | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
|                       |                                                                     |                                | 101                     | 29         | 38           |                           |                 |

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

|                         |
|-------------------------|
| 35. List of Attachments |
| Logs mailed 1-31-80.    |

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            | TITLE                        | DATE                     |
| <i>M. C. Nash</i> | Assist. Admin. Analyst       | 4-5-84                   |
| 015 AMOCD, H      | J. R. Barnett, HOU Rm. 21156 | J. P. Nash, HOU Rm. 4206 |
| T-Superior, Mid   | T-Mesa                       | T-Bass                   |
| T-Pacific         | T-Lightning                  | T-Soutland               |
| T-Royalty         |                              |                          |

## 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 radioactivity 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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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 Alam _____           | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| 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. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quartz _____ |
| T. Glorieta _____        | T. McKee _____         | Dase Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilte _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. _____               | T. Pennian _____            | 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 |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    |                      |           |