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

Form C-105  
Revised 11-1-84

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
**L-3674**

1a. TYPE OF WELL  
b. TYPE OF COMPLETION  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name  
8. Farm or Lease Name  
**State HQ**  
9. Well No.  
**3**

2. Name of Operator  
**AMOCO PRODUCTION COMPANY**  
3. Address of Operator  
**P. O. Box 68, Hobbs, NM 88240**  
4. Location of Well

10. Field and Pool, or Wildcat  
**Airstrip Upper Bone Sprs.**

UNIT LETTER **0** LOCATED **660** FEET FROM THE **South** LINE AND **1980** FEET FROM THE **East** LINE OF SEC. **26** TWP. **18-S** RGE. **34-E**

11. County  
**Lea**

|                                     |                                          |                                                    |                                                             |                                   |
|-------------------------------------|------------------------------------------|----------------------------------------------------|-------------------------------------------------------------|-----------------------------------|
| 15. Date Spudded<br><b>10-11-83</b> | 16. Date T.D. Reached<br><b>11-13-83</b> | 17. Date Compl. (Ready to Prod.)<br><b>1-10-84</b> | 18. Elevations (D.F., RAB, RT, GR, etc.)<br><b>3980' GL</b> | 19. Elev. Casinghead<br><b>--</b> |
| 20. Total Depth<br><b>10900'</b>    | 21. Plug Back T.D.<br><b>10835'</b>      | 22. If Multiple Compl., How Many<br><b>--</b>      | 23. Intervals Drilled By<br><b>o-TD</b>                     | 24. Cable Tools<br><b>--</b>      |

24. Producing interval(s), of this completion - Top, Bottom, Name  
**9372'-9562' Upper Bone Springs**  
25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run **Dual Laterolog Mirco Laterolog Gamma Ray; Comp. Densilog, Comp. Neutron Gamma Ray; Spectrolog; BHC Acoustilog Gamma Ray**  
27. Was Well Cored  
**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             | 310'      | 17-1/2"   | 350 sx C1 C                    | 50 sx         |
| 8-5/8"      | 28 & 24        | 4000'     | 12-1/4"   | 2500 sx C1 C Lt, 400 C1 C neat | 380 sx        |
| 5-1/2"      | 17             | 10899'    | 7-7/8"    | 950 sx C1 H Lt, 1550 C1 H      | 153 sx        |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-3/8" | 9456'     |            |

31. Perforation Record (Interval, size and number)  
**9532'-9562' w/2 JSPF**  
**9372'-9382' and 9390'-9434' w/2 SPF**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 9532'-9562'    | 3500 gal NE HCL acid          |
| 9372'-9434'    | 5000 gal NE HCL acid          |

33. PRODUCTION

Date First Production **1-1-84** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping** Well Status (Prod. or Shut-in) **producing**

|                                |                           |                                                      |                                                      |                            |                            |                             |
|--------------------------------|---------------------------|------------------------------------------------------|------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Date of Test<br><b>1-10-84</b> | Hours Tested<br><b>24</b> | Choke Size                                           | Prod'n. For Test Period<br>Oil - Bbl.<br><b>1059</b> | Gas - MCF<br><b>583</b>    | Water - Bbl.<br><b>215</b> | Gas-Oil Ratio<br><b>551</b> |
| Flow Tubing Press.             | Casing Pressure           | Calculated 24-Hour Rate<br>Oil - Bbl.<br><b>1059</b> | Gas - MCF<br><b>583</b>                              | Water - Bbl.<br><b>215</b> | Oil Gravity - API (Corr.)  |                             |

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

35. List of Attachments  
**Logs mailed on 12-1-83**

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 Cathy L. Gorman TITLE Assist. Admin. Analyst DATE 1-11-84

## INSTRUCTIONS

This form is to be filed with the appropriate 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 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 Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. 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. Crayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Clorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Elinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs 7870'  | T. Wingate _____            | T. _____                |
| T. Wolfcamp 10642'       | T. 1st Bn. Spr. 9198'  | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. 2nd Bn Spr 9582'    | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. 3rd Bn Spr 10352'   | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from 9532' to 9562' | No. 4, from _____ to _____ |
| No. 2, from 9372' to 9434' | 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 _____ 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'   | 1540' | 1540'                | Red Bed         | 6075' | 6294' | 219'                 | Lime         |
| 1540 | 1855  | 315                  | Red Bed & Anhy  | 6294  | 6485  | 191                  | Lime & Dolo  |
| 1855 | 2138  | 283                  | Lime & Salt     | 6485  | 6707  | 222                  | Dolo & Sand  |
| 2138 | 2500  | 362                  | Salt            | 6707  | 6921  | 214                  | Lime         |
| 2500 | 3327  | 827                  | Salt & Anhy     | 6921  | 7155  | 234                  | Sand         |
| 3327 | 4000  | 673                  | Anhydrite       | 7155  | 7706  | 551                  | Lime         |
| 4000 | 4111  | 111                  | Dolomite & Anhy | 7706  | 7839  | 133                  | Lime & Sand  |
| 4111 | 4598  | 487                  | Lime            | 7839  | 8528  | 689                  | Lime         |
| 4598 | 4800  | 202                  | Anhy & Dolo     | 8528  | 8659  | 131                  | Lime & Shale |
| 4800 | 5002  | 202                  | Lime            | 8659  | 8775  | 116                  | Lime         |
| 5002 | 5189  | 187                  | Anhy & Dolo     | 8775  | 9045  | 270                  | Lime & Shale |
| 5189 | 5345  | 156                  | Dolomite        | 9045  | 9156  | 111                  | Lime         |
| 5345 | 5510  | 165                  | Lime            | 9156  | 9202  | 46                   | Lime & Shale |
| 5510 | 5695  | 185                  | Dolo & Anhy     | 9202  | 10592 | 1390                 | Lime         |
| 5695 | 5818  | 123                  | Dolomite        | 10592 | 10642 | 50                   | Lime & Dolo  |
| 5818 | 5916  | 98                   | Lime            | 10642 | 10662 | 20                   | Lime         |
| 5916 | 6075  | 159                  | Dolomite        | 10662 | 10716 | 54                   | Dolo & Shale |
|      |       |                      |                 | 10716 | 10780 | 64                   | Lime         |
|      |       |                      |                 | 10780 | 10900 | 120                  | Dolo & Shale |

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