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

Form C-105  
Revised 11-1-80

**RECEIVED**  
OCT - 7 1983

**OIL CON. DIST. 3**

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

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

7. Unit Agreement Name  
8. Farm or Lease Name  
Armenta Com "F"  
9. Well No.  
1  
10. Field and Pool, or Wildcat  
Armenta Gallup

2. Name of Operator  
Amoco Production Company  
3. Address of Operator  
501 Airport Drive, Farmington, New Mexico 87401  
4. Location of Well

UNIT LETTER H LOCATED 2120 FEET FROM THE North LINE AND 835 FEET FROM  
THE east LINE OF SEC. 27 TWP. 29N RGE. 10W NMPM

12. County  
San Juan

15. Date Spudded 5-31-83  
16. Date T.D. Reached 6-7-83  
17. Date Compl. (Ready to Prod.) 7-15-83  
18. Elevations (DF, RKB, RT, GR, etc.) 5521' GL  
20. Total Depth 5925'  
21. Plug Back T.D. 5786'  
22. If Multiple Compl., How Many  
23. Intervals Drilled By Rotary Tools Cable Tools  
O-TD

19. Elev. Casinghead 5508' GL  
25. Was Directional Survey Made  
Yes

24. Producing Interval(s), of this completion - Top, Bottom, Name  
5324' - 5536' - Gallup  
26. Type Electric and Other Logs Run  
DIL-SP- R FDC-CNL-Cal-GR  
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 |
| 11-3/4"                                            | 42# H40        | 298'      | 14-3/4"   | 540 cu.ft Class B w/2% CaCl2 circ to surf.                                                                                              |               |
| 5-1/2"                                             | 15.5# K55      | 5924'     | 7-7/8"    | Stage 1) 693 cu.ft. Class B 50:50 POZ. Tailed in w/177 cu.ft. Class B neat. 2) 1478 cu.ft. Class B 65:35 POZ. Tailed in with 118 cu.ft. |               |

| 29. LINER RECORD |     |        |              |        | 30. Class B neat TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|--------------------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE                           | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"                         | 5990'     |            |

31. Perforation Record (Interval, size and number)  
5324'-5440' and 5462'-5536' with 1 jsfp for a total of 190 holes .38" in diameter.  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
5324'-5536' 122,000 gals. 70 quality foam containing 20# gelled water, .5 millicuries radioactive sand /1000#, and 16800# 20-40 sand.

33. PRODUCTION  
Date First Production 7-23-83  
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping  
Well Status (Prod. or Shut-in) SI  
Date of Test 8-3-83 Hours Tested 24 Choke Size 36/64 Prod'n. For Test Period 4.6 Oil - Bbl. 4.6 Gas - MCF 134.4 Water - Bbl. 0 Gas - Oil Ratio 29217  
Flow Tubing Press. 135 psi Casing Pressure 135 psi Calculated 24-Hour Rate 4.6 Gas - MCF 134.4 Water - Bbl. 0 Oil Gravity - API (Corr.) 41

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
To be sold  
Test Witnessed By  
Ted's Field Service

35. List of Attachments

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.  
Original Signed By  
SIGNED D.D. Lawson TITLE District Adm. Supervisor DATE 10/6/83

# INSTRUCTIONS

This form is to be filled 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 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 36 through 34 shall be reported for each zone. The form is to be filled 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. Anyh                 | T. Ojo Alamo          | 676                     | T. Penn. "B"     |
| T. Salt                 | T. Kirtland-Fruitland | 1360                    | T. Penn. "C"     |
| B. Salt                 | T. Fruitland          | 1814                    | T. Penn. "D"     |
| T. Yates                | T. Pictured Cliffs    | 3380                    | T. Leadville     |
| T. 7 Rivers             | T. Cliff House        | 3495                    | T. Madison       |
| T. Queen                | T. Menefee            | 4110                    | T. Elbert        |
| T. Grayburg             | T. Point Lookout      | 4545                    | T. McCracken     |
| T. San Andres           | T. Mancos             | 5322                    | T. Ignacio Qizte |
| T. Glorieta             | T. Gallup             |                         | T. Granite       |
| T. Paddock              | T. Base Greenhorn     |                         |                  |
| T. Ellensburg           | T. Dakota             |                         |                  |
| T. Blaineby             | T. Morrison           |                         |                  |
| T. Tubb                 | T. Todillo            |                         |                  |
| T. Drinkard             | T. Entrada            |                         |                  |
| T. Abo                  | T. Wingate            |                         |                  |
| T. Wolfcamp             | T. Chinle             |                         |                  |
| T. Penn.                | T. Permian            |                         |                  |
| T. Cisco (Bough C)      | T. Penn. "A"          |                         |                  |

## OIL OR GAS SANDS OR ZONES

|             |    |             |    |
|-------------|----|-------------|----|
| No. 1, from | to | 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 | 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 |
|------|------|-------------------|-----------------|------|----|-------------------|-----------|
| 676  | 792  | 116               | Ojo Alamo       |      |    |                   |           |
| 1360 | 1814 | 454               | Fruitland       |      |    |                   |           |
| 1814 | 1895 | 81                | Pictured Cliffs |      |    |                   |           |
| 2450 | 3130 | 680               | Chacra          |      |    |                   |           |
| 3380 | 3495 | 115               | Cliffhouse      |      |    |                   |           |
| 3495 | 4110 | 615               | Menefee         |      |    |                   |           |
| 4110 | 4545 | 435               | Point Lookout   |      |    |                   |           |
| 5322 | --   | --                | Gallup          |      |    |                   |           |