

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

API #30-045-25719 22 1983

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
E-7122

|                        |  |
|------------------------|--|
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| LAND OFFICE            |  |
| OPERATOR               |  |

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☒ DRY ☐ OTHER ☐ CON. DIV. ☐ DIST. 3

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

ARCO Oil and Gas Company, Division of Atlantic Richfield Company

3. Address of Operator

P.O. Box 5540, Denver, Colorado 80217

4. Location of Well

UNIT LETTER D LOCATED 820 FEET FROM THE North LINE AND 656 FEET FROM

THE West LINE OF SEC. 36 TWP. 29N RGE. 11W NMPM

15. Date Spudded 7-6-83 16. Date T.D. Reached 7-19-83 17. Date Compl. (Ready to Prod.) 9-2-83 18. Elevations (DF, RKB, RT, GR, etc.) 5676' GL; 5692' KB 19. Elev. Casinghead 5676'

20. Total Depth 6010' 21. Plug Back T.D. 5962' 22. If Multiple Compl., How Many 1 23. Intervals Drilled By Rotary Tools 0-6010' Cable Tools ---

24. Producing Interval(s), of this completion - Top, Bottom, Name

Gallup 5390'-5738' & 5770'-5918'

25. Was Directional Survey Made  
NO

26. Type Electric and Other Logs Run

CDL/DSN/GR-Cal DIGI/GR/Cal

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 |
|-------------|----------------|-----------|-----------|-----------------------|---------------|
| 8-5/8"      | 24#            | 543'      | 12-1/4"   | 365 sx (See attached) | NONE          |
| 4-1/2"      | 11.6#          | 6003'     | 7-7/8"    | 540 sx (See attached) | NONE          |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
| ---  | --- | ---    | ---          | ---    | 2-3/8" | 5377'     | NONE       |

31. Perforation Record (Interval, size and number)

Lower Gallup 5770'-5918' 38 holes

Upper & Middle Gallup 5390'-5738' 88 holes

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 5770'-5918'    | See attached Page 1           |
| 5390'-5738'    | See attached Page 1           |

33. PRODUCTION

|                       |                 |                                                                     |                         |            |              |                                |               |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|---------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |               |
| 8-29-83               |                 | Flowing                                                             |                         |            |              | SHUT IN                        |               |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas-Oil Ratio |
| 9-7-83                | 24 hrs          | 3/4"                                                                | 7.4                     | 7.4        | 398          | 3                              | 53,784        |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |               |
| 510                   | 260             | 7.4                                                                 | 7.4                     | 398        | 3            | 38.7°                          |               |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

To be sold

Test Witnessed By

35. List of Attachments

2 of #26 above and Daily Well History

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.

SIGNED

W.A. Walther, Jr.

TITLE Operations Manager

DATE

9-13-83

# 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 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 30 through 34 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

### Northwestern New Mexico

|                    |                  |                       |          |                  |
|--------------------|------------------|-----------------------|----------|------------------|
| T. Anhy            | T. Canyon        | T. Ojo Alamo          | 676      | T. Penn. "B"     |
| T. Salt            | T. Strawn        | T. Kirtland-Fruitland | 767/1615 | T. Penn. "C"     |
| B. Salt            | T. Atoka         | T. Pictured Cliffs    | 1828     | T. Penn. "D"     |
| T. Yates           | T. Miss          | T. Cliff House        | 3395     | T. Leadville     |
| T. 7 Rivers        | T. Devonian      | T. Menefee            | 3498     | T. Madison       |
| T. Queen           | T. Silurian      | T. Point Lookout      | 4148     | T. Elbert        |
| T. Grayburg        | T. Montoya       | T. Mancos             | 4542     | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup             | 5398     | T. Ignacio Qtzte |
| T. Glorieta        | T. McKee         | Base Greenhorn        |          | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota             |          | T.               |
| T. Blinberry       | 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  | T. Wingate            |          | T.               |
| T. Wolfcamp        | T.               | T. Chinle             |          | T.               |
| T. Penn.           | T.               | T. Permian            |          | T.               |
| T. Cisco (Bough C) | T.               | T. Penn. "A"          |          | T.               |

### FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation       | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-----------------|------|----|----------------------|-----------|
| 676  | 767  | 91                   | Ojo Alamo       |      |    |                      |           |
| 767  | 1615 | 848                  | Kirtland        |      |    |                      |           |
| 1615 | 1828 | 213                  | Fruitland       |      |    |                      |           |
| 1828 | 1942 | 114                  | Pictured Cliffs |      |    |                      |           |
| 1942 | 2812 | 870                  | Lewis           |      |    |                      |           |
| 2812 | 3395 | 583                  | Chacra          |      |    |                      |           |
| 3395 | 3498 | 103                  | Cliffhouse      |      |    |                      |           |
| 3498 | 4148 | 650                  | Menefee         |      |    |                      |           |
| 4148 | 4542 | 394                  | Point Lookout   |      |    |                      |           |
| 4542 | 5398 | 856                  | Upper Mancos    |      |    |                      |           |
| 5398 | 5946 | 548                  | Gallup          |      |    |                      |           |
| 5946 | ---  | ---                  | Lower Mancos    |      |    |                      |           |

ARCO State #102  
Section 36-29N-11W  
San Juan County, New Mexico

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APR 1963

NO. 100

28. CASING CEMENTING RECORD:

8-5/8" casing cemented with 365 sx (427.05 cu.ft.) Class "B" cement with 2%  $\text{CaCl}_2$  + 1/4#/sx flocele (yield 1.17 cu.ft./sx.)

4-1/2" casing cemented with 250 sx (697.5 cu.ft.) lite with 12-1/2#/sx gilsonite, 1/4#/sx flocele + 1/2% D-31 (yield 2.79 cu.ft./sx.), followed by 290 sx (339.3 cu.ft.) Class "B" with 1/4#/sx flocele + 3/4% CFR-2 (yield 1.17 cu.ft./sx.)

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

|             |                                                |
|-------------|------------------------------------------------|
| 5918'-5770' | Spotted 250 gals 7-1/2% HCL                    |
| 5918'-5770' | 1500 gals 7-1/2% HCL + 57 balls                |
| 5918'-5770' | 96,000 gals fluid + additives + 82,550# sand   |
| 5738'-5390' | Spotted 350 gals 15% HCL                       |
| 5738'-5390' | 2150 gals 7-1/2% HCL + 108 balls               |
| 5738'-5390' | 143,800 gals fluid + additives + 175,200# sand |