

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revision 1-1-89

WELL API NO.  
30-025- 32356

5. Indicate Type of Lease  
STATE ☒ FEE ☒

6. State Oil & Gas Lease No.  
B-11478

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐

7. Lease Name or Unit Agreement Name  
South Justis Unit "H"  
1496

2. Name of Operator  
ARCO Oil & Gas Company

8. Well No.  
242

3. Address of Operator  
Box 1610, Midland, Texas 79702

9. Pool name or Wildcat  
Justis Blbry-Tubb-Dkrd

4. Well Location  
Unit Letter H ; 2380 Feet From The North Line and 150 Feet From The East Line  
Section 25 Township 25S Range 37E NMPM Lea County

10. Date Spudded 2-16-94 11. Date T.D. Reached 2-24-94 12. Date Compl. (Ready to Prod.) 4-1-94 13. Elevations (DF& RKB, RT, GR, etc.) 3057' GR 14. Elev. Casinghead

15. Total Depth 6050' 16. Plug Back T.D. 5996' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 5075-5945' Blbry-Tubb-Dkrd 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run DLL/MLL/GR/C - ZDL/GR/C - SL/GR/C 22. Was Well Cored No

23. 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            | 1010      | 12-1/4    | 770 sx "C"       | 0             |
| 4-1/2       | 10.5          | 6050      | 7-7/8     | 1500 sx "C"      | 0             |

| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              | 2-3/8             | 5957'     |            |

| 26. Perforation record (interval, size, and number)<br>5075-5945' | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|-------------------------------------------------------------------|-------------------------------------------------|-------------------------------|
|                                                                   | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|                                                                   | 5075-5945'                                      | A w/11,900 gals               |

| 28. PRODUCTION                  |                    |                                                                                |                        |                  |                   |                                        |                         |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|------------------------|------------------|-------------------|----------------------------------------|-------------------------|
| Date First Production<br>4-1-94 |                    | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                        |                  |                   | Well Status (Prod. or Shut-in)<br>Prod |                         |
| Date of Test<br>4-18-94         | Hours Tested<br>24 | Choke Size                                                                     | Prod'n For Test Period | Oil - Bbl.<br>14 | Gas - MCF<br>16   | Water - Bbl.<br>2                      | Gas - Oil Ratio<br>1143 |
| Flow Tubing Press.              | Casing Pressure    | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>14       | Gas - MCF<br>16  | Water - Bbl.<br>2 | Oil Gravity - API - (Corr.)            |                         |

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

30. List Attachments  
Electric logs, Inclination Record

31. 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

Signature Ken W. Gosnell Printed Name Ken W. Gosnell Title Agent Date 4-27-94

# 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 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 25 through 29 shall be reported for each zone. The form is to be filed in triplicate 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. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta 4710'        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinberry 5032'       | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb 5690'            | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard 5860'        | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn _____            | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn "A" _____           | T. _____               |

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, 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

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology           | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|---------------------|------|----|----------------------|-----------|
| 0    | 435  | 435                  | Surf rock & Red bed |      |    |                      |           |
| 435  | 1010 | 575                  | Red bed & anhy      |      |    |                      |           |
| 1010 | 2164 | 1154                 | Salt & anhy         |      |    |                      |           |
| 2164 | 4280 | 2116                 | Anhy & dolo         |      |    |                      |           |
| 4280 | 4510 | 230                  | Dolo & sand         |      |    |                      |           |
| 4510 | 4592 | 82                   | Dolo & anhy         |      |    |                      |           |
| 4592 | 6050 | 1458                 | Dolo & lime         |      |    |                      |           |

RECEIVED

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OFFICE