

|              |   |  |
|--------------|---|--|
| DISTRIBUTION |   |  |
| SANTA FE     | 1 |  |
| FILE         | 1 |  |
| U.S.G.S.     | 2 |  |
| LAND OFFICE  | 1 |  |
| OPERATOR     |   |  |

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

Revised 11-1-76

|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| (647-349) (647-351)                                                    |

RECEIVED

1a. TYPE OF WELL Oil ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator  
Atlantic Richfield Company

3. Address of Operator  
Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER K LOCATED 1315 FEET FROM THE South LINE AND 1315 FEET FROM

THE West LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM

|                         |                                      |                                                  |                                                          |                      |
|-------------------------|--------------------------------------|--------------------------------------------------|----------------------------------------------------------|----------------------|
| 15. Date <u>9-16-76</u> | 16. Date T.D. Reached <u>11-1-76</u> | 17. Date Compl. (Ready to Prod.) <u>12/29/76</u> | 18. Elevations (DF, RKB, RT, GR, etc.) <u>3668.5' GR</u> | 19. Elev. Casinghead |
|-------------------------|--------------------------------------|--------------------------------------------------|----------------------------------------------------------|----------------------|

|                                |                                 |                                  |                                              |             |
|--------------------------------|---------------------------------|----------------------------------|----------------------------------------------|-------------|
| 20. Total Depth <u>10,493'</u> | 21. Plug Back T.D. <u>6280'</u> | 22. If Multiple Compl., How Many | 23. Intervals Drilled By <u>Rotary Tools</u> | Cable Tools |
|--------------------------------|---------------------------------|----------------------------------|----------------------------------------------|-------------|

24. Producing Interval(s), of this completion - Top, Bottom, Name  
6250-6270' Abo Reef

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
GRN Corr Log Comp Neutron, Dual Laterolog, Comp Sonic Log

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 |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 10-3/4" OD  | 32.50 & 40.50# | 700'      | 13-3/4"   | 398 sx           |               |
| 7-5/8" OD   | 29.70#         | 6705'     | 9-1/2"    | 1280 sx          |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |           |           |            |
|------------------|-----|--------|--------------|-------------------|-----------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE      | DEPTH SET | PACKER SET |
|                  |     |        |              |                   | 2-3/8" OD | 6195'     | 6195'      |
|                  |     |        |              |                   |           |           |            |

31. Perforation Record (Interval, size and number)  
6250-6270' (40' - .49" holes)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 6250-6270'     | 2000 gals 15% HCL-NE acid     |
|                |                               |
|                |                               |

33. PRODUCTION

|                                          |                                                                                       |                                               |                                       |                          |                          |                                         |                                  |
|------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|--------------------------|--------------------------|-----------------------------------------|----------------------------------|
| Date First Production<br><u>12/29/76</u> | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><u>Flowing</u> | Well Status (Prod. or Shut-in)<br><u>Prod</u> |                                       |                          |                          |                                         |                                  |
| Date of Test<br><u>1/4/77</u>            | Hours Tested<br><u>24</u>                                                             | Choke Size<br><u>47/64"</u>                   | Prod'n. For Test Period<br><u>273</u> | Oil - Bbl.<br><u>273</u> | Gas - MCF<br><u>292</u>  | Water - Bbl.<br><u>0</u>                | Gas - Oil Ratio<br><u>1070:1</u> |
| Flow Tubing Press.<br><u>100#</u>        | Casing Pressure<br><u>Pkr</u>                                                         | Calculated 24-Hour Rate<br><u>273</u>         | Oil - Bbl.<br><u>273</u>              | Gas - MCF<br><u>292</u>  | Water - Bbl.<br><u>0</u> | Oil Gravity - API (Corr.)<br><u>44°</u> |                                  |

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

Test Witnessed By  
N. H. Truitt

35. List of Attachments  
Log as listed in Item 26 above

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 [Signature] TITLE Dist. Drlg. Supt. DATE 1/14/77

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any new well or deepened well. It shall be accompanied by one copy of all electrical and radio-acoustic 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 34 through 37 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 CONFORMITY WITH STANDARD PRACTICE

Southeastern New Mexico      Northwestern New Mexico

|                    |                  |        |                       |                   |
|--------------------|------------------|--------|-----------------------|-------------------|
| T. Anhy            | T. Canyon        | 8640'  | T. Ojo Alamo          | T. Penn. "B"      |
| T. Salt            | T. Strawn        | 9240'  | T. Kirtland-Fruitland | T. Penn. "C"      |
| T. Salt            | T. Aloka         | 9760'  | T. Pictured Cliffs    | T. Penn. "D"      |
| T. Yates           | T. Miss Chester  | 10466' | 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         |        | T. Base Greenhorn     | T. Granite        |
| T. Paddock         | T. Ellenburger   |        | T. Dakota             |                   |
| T. Minebry         | T. Gr. Wash      |        | T. Morrison           |                   |
| T. Tubb            | T. Granite       |        | T. Todilto            |                   |
| T. Drinkard        | T. Delaware Sand |        | T. Entrada            |                   |
| T. Abo             | T. Bone Springs  |        | T. Wingate            |                   |
| T. Wolfcamp        | T. Morrow Gas    | 9390'  | T. Chinle             |                   |
| T. Penn.           |                  |        | T. Permian            |                   |
| T. Cisco (Bough C) |                  | 7820'  | 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 |

Include data on rate of water inflow and elevation to which water rose in hole.

IMPORTANT WATER SANDS

|                      |    |             |    |             |    |             |    |
|----------------------|----|-------------|----|-------------|----|-------------|----|
| No. 1, from          | to | No. 2, from | to | No. 3, from | to | No. 4, from | to |
| No water encountered |    |             |    |             |    |             |    |
| feet.                |    |             |    |             |    |             |    |
| feet.                |    |             |    |             |    |             |    |
| feet.                |    |             |    |             |    |             |    |
| feet.                |    |             |    |             |    |             |    |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness in Feet | Formation        | From  | To    | Thickness in Feet | Formation    |
|------|------|-------------------|------------------|-------|-------|-------------------|--------------|
| 0    | 700  | 700               | Surface          | 8614  | 8701  | 87                | Lime & Shale |
| 700  | 1204 | 504               | Anhydrite        | 8701  | 8872  | 171               | Lime         |
| 1204 | 1517 | 313               | Anhydrite & Lime | 8872  | 8990  | 118               | Lime & Shale |
| 1517 | 1786 | 269               | Anhydrite        | 8990  | 10242 | 1252              | Lime         |
| 1786 | 4518 | 2732              | Anhydrite & Lime | 10242 | 10393 | 151               | Sd & Shale   |
| 4518 | 6329 | 1811              | Lime             | 10393 | 10489 | 96                | Shale        |
| 6329 | 6375 | 46                | Lime & Shale     | 10489 | 10498 | 9                 | Shale & Lime |
| 6375 | 6408 | 33                | Dolo & Shale     |       |       |                   |              |
| 6408 | 6448 | 40                | Shale            |       |       |                   |              |
| 6448 | 6700 | 252               | Lime & Shale     |       |       |                   |              |
| 6700 | 7879 | 1179              | Lime             |       |       |                   |              |
| 7879 | 7955 | 76                | Lime & Dolomite  |       |       |                   |              |
| 7955 | 8614 | 659               | Lime             |       |       |                   |              |
| 8614 | 8701 | 87                | Lime & Shale     |       |       |                   |              |