



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY AMERADA PETROLEUM CORPORATION DATE ON 10/1/55 FILE NO. RP-3-201 FC  
WELL JICARILLA APACHE NO. E-1 DATE OFF 10/1/55 ENGRS. WER  
FIELD WILDCAT FORMATION PICTURED CLIFFSELEV. 6782' GR  
COUNTY RIO ARriba STATENEW MEXICODRLG. FLD. WATER BASE MUD CORES DIAMOND  
LOCATION SEC. 30-24N-4W REMARKS SERVICE NO. 4

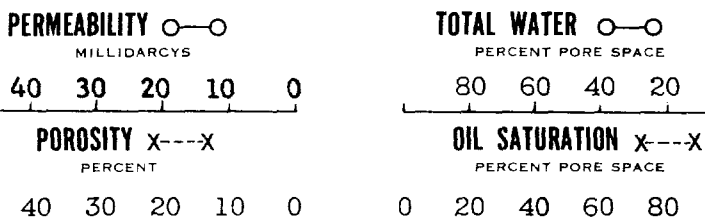


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Por. 30 ft = 14.6  
H.C. = 69.9

TABULAR DATA and INTERPRETATION

COMPLETION COREGRAPH



| SAMPLE NUMBER | DEPTH FEET | PERM MD. | POROSITY % | RESIDUAL SATURATION % PORE SPACE |             | CHLORIDE PPM | PROD |
|---------------|------------|----------|------------|----------------------------------|-------------|--------------|------|
|               |            |          |            | OIL                              | TOTAL WATER |              |      |
|               |            | AIR      |            |                                  |             |              |      |
| 1             | 2469.5     | 0.00     | 14.3       | 0.0                              | 88.9        |              |      |
| 2             | 70.5       | 0.00     | 17.7       | 0.0                              | 67.8        |              |      |
| 3             | 71.5       | 0.21     | 14.5       | 0.0                              | 53.1        |              | GAS  |
| 4             | 72.5       | 0.29     | 13.9       | 0.0                              | 48.2        | 3            | GAS  |
| 5             | 73.5       | 0.38     | 18.1       | 0.0                              | 69.0        |              | GAS  |
| 6             | 74.5       | 0.00     | 17.5       | 0.0                              | 67.4        |              |      |
| 7             | 75.5       | 0.21     | 14.2       | 0.0                              | 70.4        | 1            | *    |
| 8             | 76.5       | 0.00     | 11.6       | 0.0                              | 81.0        |              |      |
| 9             | 77.5       | 0.00     | 7.7        | 0.0                              | 77.9        |              |      |
| 10            | 78.5       | 1.67     | 14.4       | 0.0                              | 44.4        |              | GAS  |
| 11            | 79.5       | 0.81     | 16.1       | 0.0                              | 57.9        |              | GAS  |
| 12            | 80.5       | 0.21     | 15.6       | 0.0                              | 46.7        |              | GAS  |
| 13            | 81.5       | 0.21     | 15.6       | 0.0                              | 55.8        | 6            | GAS  |
| 14            | 82.5       | 1.76     | 10.7       | 0.0                              | 84.1        |              | *    |
| 15            | 83.5       | 0.13     | 11.5       | 0.0                              | 70.4        |              | *    |
| 16            | 84.5       | 0.00     | 16.0       | 0.0                              | 80.1        |              |      |
| 17            | 85.5       | 0.72     | 14.4       | 0.0                              | 88.1        | 1            | *    |
| 18            | 86.5       | 0.00     | 9.9        | 0.0                              | 84.9        |              |      |
| 19            | 87.5       | 0.85     | 16.0       | 0.0                              | 48.8        |              | GAS  |
| 20            | 88.5       | 0.30     | 16.4       | 0.0                              | 46.4        |              | GAS  |
| 21            | 89.5       | 0.55     | 18.0       | 0.0                              | 49.4        | 6            | GAS  |
| 22            | 90.5       | 0.64     | 16.2       | 0.0                              | 46.1        |              | GAS  |
| 23            | 91.5       | 0.85     | 19.8       | 0.0                              | 49.0        |              | GAS  |
| 24            | 92.5       | 0.04     | 17.1       | 0.0                              | 67.1        |              | GAS  |
| 25            | 93.5       | 0.00     | 7.2        | 0.0                              | 80.7        | 13,875       |      |
| 26            | 94.5       | 0.00     | 12.1       | 0.0                              | 94.2        |              |      |
| 27            | 95.5       | 0.00     | 15.1       | 0.0                              | 82.8        |              |      |
| 28            | 96.5       | 0.00     | 15.3       | 0.0                              | 81.7        |              |      |
| 29            | 97.5       | 0.00     | 16.6       | 0.0                              | 62.8        |              |      |
| 30            | 98.5       | 0.13     | 19.9       | 0.0                              | 54.8        | 11           | GAS  |
| 31            | 99.5       | 0.04     | 13.3       | 0.0                              | 78.9        |              | *    |
| 32            | 2500.5     | 0.00     | 12.8       | 0.0                              | 70.3        |              |      |
| 33            | 01.5       | 0.38     | 21.8       | 0.0                              | 46.8        | 1            | GAS  |
| 34            | 02.5       | 0.00     | 9.1        | 0.0                              | 85.6        |              |      |
| 35            | 03.5       | 0.00     | 19.4       | 0.0                              | 70.1        | 12,850       |      |
| 36            | 04.5       | 0.64     | 15.0       | 0.0                              | 83.4        |              | *    |
| 37            | 05.5       | 0.93     | 14.6       | 0.0                              | 71.2        |              | *    |
| 38            | 06.5       | 0.47     | 14.8       | 0.0                              | 68.9        | 3            | *    |
| 39            | 07.5       | 0.00     | 11.2       | 0.0                              | 94.8        |              |      |
| 40            | 08.5       | 0.00     | 12.3       | 0.0                              | 87.9        |              |      |
| 41            | 09.5       | 0.13     | 15.1       | 0.0                              | 85.4        |              | *    |
| 42            | 10.5       | 0.21     | 10.1       | 0.0                              | 78.2        | 3            | *    |
| 43            | 11.5       | 0.55     | 10.9       | 0.0                              | 72.5        |              | *    |
| 44            | 12.5       | 0.00     | 15.2       | 0.0                              | 73.1        |              |      |
| 45            | 13.5       | 0.00     | 16.0       | 0.0                              | 75.9        | 10,100       |      |
| 46            | 14.5       | 0.00     | 14.9       | 0.0                              | 81.1        |              |      |
| 47            | 15.5       | 0.00     | 14.9       | 0.0                              | 80.5        |              |      |
| 48            | 16.5       | 0.30     | 15.2       | 0.0                              | 80.3        |              | *    |
| 49            | 17.5       | 0.21     | 15.2       | 0.0                              | 78.5        |              | *    |
| 50            | 18.5       | 0.00     | 15.4       | 0.0                              | 81.3        |              |      |
| 51            | 19.5       | 0.00     | 11.3       | 0.0                              | 83.3        |              |      |
| 52            | 20.5       | 0.00     | 10.9       | 0.0                              | 87.9        |              |      |
| 53            | 21.5       | 0.00     | 5.7        | 0.0                              | 68.5        |              |      |
| 54            | 22.5       | 0.00     | 11.7       | 0.0                              | 83.6        |              |      |
| 55            | 23.5       | 0.00     | 12.8       | 0.0                              | 72.8        | 14,300       |      |
| 56            | 24.5       | 0.00     | 14.8       | 0.0                              | 71.6        |              |      |
| 57            | 25.5       | 0.04     | 11.9       | 0.0                              | 84.1        |              | *    |
| 58            | 26.5       | 0.04     | 9.3        | 0.0                              | 71.0        |              | *    |
| 59            | 27.5       | 0.00     | 16.7       | 0.0                              | 75.5        |              |      |
| 60            | 2528.5     | 0.00     | 17.7       | 0.0                              | 69.0        | 30           |      |
|               |            |          |            |                                  | 1948.9      |              |      |

