

# JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

RECEIVED

MAR 03 1983

O. C. D.

ARTESIA, OFFICE

COMPANY: Exxon Company USA

WELL: Isler Federal, No. 4

FIELD: Many Gates - Morrow

## CHRONOLOGICAL PRESSURE DATA

| DATE | STATUS OF WELL                                                                        | TIME     | ELAPSED TIME |      | SURFACE PRESSURE |        | BHP @ ( -5123 ) |          |
|------|---------------------------------------------------------------------------------------|----------|--------------|------|------------------|--------|-----------------|----------|
|      |                                                                                       |          | HRS.         | MIN. | TBG              | CSG    | 8871'           | 9167'PSI |
| 1983 |                                                                                       |          |              |      |                  |        |                 |          |
| 1/18 | Shut in 26.0 hrs.<br>Run Static Gradient<br>w/Tandem Bombs & Set<br>Bombs off @ 8871' | 10:15 AM | -            | -    | 2063 DWT         | PKR    | 2764            | 2789     |
|      | Started 1st Rate                                                                      | 11:30    | 1            | 15   | 2063             | MCF/D  | 2764            | 2789     |
|      | Finished 1st Rate<br>& Started 2nd Rate                                               | 12:30 PM | 1            | 00   | 1880             | 172.20 | 2534            | 2556     |
|      | Finished 2nd Rate<br>& Started 3rd Rate                                               | 1:30     | 1            | 00   | 1750             | 219.24 | 2382            | 2403     |
|      | Finished 3rd Rate<br>& Started 4th Rate                                               | 2:30     | 1            | 00   | 1595             | 276.58 | 2189            | 2209     |
|      | Finished 4th Rate<br>& Started Production                                             | 3:30     | 1            | 00   | 1395             | 340.41 | 1969            | 1988     |
|      | Test on 5/64" Choke<br>Flowing                                                        | 3:45     | 0            | 15   | 1387             | 237.0  | 1963            | 1982     |
|      | "                                                                                     | 4:00     | 0            | 30   | 1382             | 220.0  | 1954            | 1973     |
|      | "                                                                                     | 4:15     | 0            | 45   | 1375             | 250.0  | 1960            | 1979     |
|      | "                                                                                     | 4:30     | 1            | 00   | 1365             | 237.0  | 1941            | 1960     |
|      | "                                                                                     | 5:00     | 1            | 30   | 1353             | 187.0  | 1941            | 1960     |
|      | "                                                                                     | 5:30     | 2            | 00   | 1347             | 187.0  | 1941            | 1960     |
|      | "                                                                                     | 6:00     | 2            | 30   | 1345             | 186.0  | 1941            | 1960     |
|      | "                                                                                     | 7:00     | 3            | 30   | 1333             | 175.0  | 1941            | 1960     |
|      | "                                                                                     | 8:00     | 4            | 30   | 1317             | 165.0  | 1935            | 1954     |
|      | "                                                                                     | 9:00     | 5            | 30   | 1300             | 165.0  | 1923            | 1942     |
|      | "                                                                                     | 10:00    | 6            | 30   | 1282             | 145.0  | 1914            | 1933     |
|      | "                                                                                     | 11:00    | 7            | 30   | 1265             | 145.0  | 1901            | 1920     |
|      | "                                                                                     | 12:00 MN | 8            | 30   | 1250             | 145.0  | 1901            | 1920     |
| 1/19 | "                                                                                     | 1:00 AM  | 9            | 30   | 1235             | 145.0  | 1892            | 1911     |
|      | "                                                                                     | 2:00     | 10           | 30   | 1235             | 205.0  | 1892            | 1911     |
|      | "                                                                                     | 3:00     | 11           | 30   | 1235             | 185.0  | 1892            | 1911     |
|      | "                                                                                     | 4:00     | 12           | 30   | 1230             | 165.0  | 1895            | 1914     |
|      | "                                                                                     | 5:00     | 13           | 30   | 1217             | 165.0  | 1895            | 1914     |
|      | "                                                                                     | 6:00     | 14           | 30   | 1205             | 145.0  | 1898            | 1917     |
|      | "                                                                                     | 7:00     | 15           | 30   | 1195             | 145.0  | 1898            | 1917     |
|      | "                                                                                     | 8:00     | 16           | 30   | 1190             | 160.0  | 1898            | 1917     |
|      | "                                                                                     | 9:00     | 17           | 30   | 1187             | 200.0  | 1898            | 1917     |
|      | Fished Bombs                                                                          | 9:30     | 18           | 00   | 1186             | -      | 1898            | 1917     |
|      | Flowing                                                                               | 10:00    | 18           | 30   | 1185             | 180.0  | -               | -        |
|      | "                                                                                     | 11:00    | 19           | 30   | 1178             | 185.0  | -               | -        |
|      | Set Bombs @ 8871'                                                                     | 11:30    | 20           | 00   | -                | -      | 1858            | 1881     |
|      | Flowing                                                                               | 12:00 N  | 20           | 30   | 1167             | 210.0  | 1858            | 1881     |
|      | "                                                                                     | 1:00 PM  | 21           | 30   | 1161             | 208.0  | 1858            | 1881     |
|      | "                                                                                     | 2:00     | 22           | 30   | 1155             | 210.0  | 1858            | 1881     |
|      | "                                                                                     | 3:00     | 23           | 30   | 1148             | 210.0  | 1861            | 1884     |
|      | Shut in for Buildup                                                                   | 3:30     | 24           | 00   | 1144             | 210.0  | 1861            | 1884     |