

# A & A ENGINEERING SERVICE

MIDLAND, TEXAS

## STATIC-FLOWING-B. H. PRESSURES

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COMPANY Pennzoil Company DATE 9-21-1972

FIELD South Carlsbad (Morrow) WELL & NO. Gulf Federal No. 2 WORK ORDER \_\_\_\_\_

| DATE      | STATUS                 | SERV.<br>TIME | ELAPSED TIME |      | D. W. T. |     |      | BHP PSIG @ |
|-----------|------------------------|---------------|--------------|------|----------|-----|------|------------|
|           |                        |               | HRS.         | MIN. | TP       | TP  | CP   |            |
| 9-21-1972 | 2nd Rate Continued     | 01:45         | 01           | 45   | 1718     | 423 | 2180 | 2250       |
|           |                        | 16:00         | 02           | 00   | 1710     | 423 | 2169 | 2234       |
|           |                        | 16:30         | 02           | 30   | 1696     | 424 | 2156 | 2226       |
|           |                        | 16:45         | 02           | 45   | 1695     | 424 | 2153 | 2221       |
|           |                        | 17:00         | 03           | 00   | 1694     | 425 | 2151 | 2219       |
|           | Opened on 10/64" Choke | 17:00         | 00           | 00   | 1694     | 425 | 2151 | 2219       |
|           |                        | 17:15         | 00           | 15   | 1527     | 425 | 1972 | 2040       |
|           |                        | 17:30         | 00           | 30   | 1474     | 426 | 1873 | 1940       |
|           |                        | 17:45         | 00           | 45   | 1442     | 426 | 1816 | 1883       |
|           |                        | 18:00         | 01           | 00   | 1410     | 424 | 1772 | 1839       |
|           |                        | 18:15         | 01           | 15   | 139 3    | 426 | 1741 | 1808       |
|           |                        | 18:30         | 01           | 30   | 1381     | 427 | 1720 | 1787       |
|           |                        | 18:45         | 01           | 45   | 1371     | 427 | 1699 | 1756       |
|           |                        | 19:00         | 02           | 00   | 1364     | 428 | 1681 | 1748       |
|           |                        | 19:15         | 02           | 15   | 1360     | 428 | 1668 | 1735       |
|           |                        | 19:30         | 02           | 30   | 1358     | 428 | 1661 | 1728       |
|           |                        | 19:45         | 02           | 45   | 1357     | 428 | 1652 | 1719       |
|           |                        | 20:00         | 03           | 00   | 1357     | 428 | 1650 | 1717       |
|           | Opened on 12/64" Choke | 20:00         | 00           | 00   | 1357     | 428 | 1650 | 1717       |
|           |                        | 20:15         | 00           | 15   | 1268     | 429 | 1516 | 1582       |
|           |                        | 20:30         | 00           | 30   | 1210     | 429 | 1435 | 1501       |
|           |                        | 20:45         | 00           | 45   | 1170     | 429 | 1393 | 1459       |