

|                            |           |      |                  |             |                        |                                                                                                 |                            |                            |
|----------------------------|-----------|------|------------------|-------------|------------------------|-------------------------------------------------------------------------------------------------|----------------------------|----------------------------|
| Flow Time                  | 1st<br>20 | Min. | 2nd<br>60        | Min.        | Date                   | 9-1-68                                                                                          | Ticket Number              | 506239 S                   |
| Closed In Press. Time      | 1st<br>60 | Min. | 2nd<br>110       | Min.        | Kind of Job            | OPEN HOLE                                                                                       | Halliburton District       | ARTESIA                    |
| Pressure Readings          | Field     |      | Office Corrected |             | Tester                 | MAC MC CANN                                                                                     | Witness                    | MR. NORMAN                 |
| Depth Top Gauge            | 8020      | Ft.  | No               | Blanked Off | Drilling Contractor    | LEATHERWOOD DRILLING COMPANY                                                                    | DH                         |                            |
| BT. P.R.D. No.             | 1919      |      | 24               | Hour Clock  | Elevation              | 3455' GL                                                                                        | Top Packer                 | 8038'                      |
| Initial Hydro Mud Pressure | 4128      |      | 4034             |             | Total Depth            | 8080'                                                                                           | Bottom Packer              | 8042'                      |
| Initial Closed in Pres.    | 3297      |      | 3233             |             | Interval Tested        | Net Pay 11'<br>8042'-8080'                                                                      | Formation Tested           | Canyon Reef                |
| Initial Flow Pres.         | 95        | 1    | 35               |             | Casing or Hole Size    | 8.75"                                                                                           | Casing Perfs.              | Top                        |
| Final Flow Pres.           | 186       | 2    | 38               |             | Surface Choke          | 1"                                                                                              | Bottom Choke               | 3/4"                       |
| Final Closed in Pres.      | 3344      |      | 3224             |             | Size & Kind Drill Pipe | 4 1/2" (15.50)                                                                                  | Drill Collars Above Tester | 2.50" x 426'               |
| Final Hydro Mud Pressure   | 4128      |      | 4014             |             | Mud Weight             | 9.6                                                                                             | Mud Viscosity              | 37                         |
| Depth Cen. Gauge           |           | Ft.  |                  | Blanked Off | Temperature            | 159                                                                                             | Anchor Size & Length       | ID 2.50"<br>OD 5.75" X 38' |
| BT. P.R.D. No.             |           |      |                  | Hour Clock  | Depths Mea. From       | Rotary Table                                                                                    | Depth of Tester Valve      | 8018' Ft.                  |
| Initial Hydro Mud Pres.    |           |      |                  |             | Cushion                | -                                                                                               | Depth Back Pres. Valve     | Ft.                        |
| Initial Closed in Pres.    |           |      |                  |             | Recovered              | 186' Feet of                                                                                    | drilling mud               |                            |
| Initial Flow Pres.         |           | 1    |                  |             | Recovered              | Feet of                                                                                         |                            |                            |
| Final Flow Pres.           |           | 2    |                  |             | Recovered              | Feet of                                                                                         |                            |                            |
| Final Closed in Pres.      |           | 1    |                  |             | Recovered              | Feet of                                                                                         |                            |                            |
| Final Hydro Mud Pres.      |           | 2    |                  |             | Recovered              | Feet of                                                                                         |                            |                            |
| Depth Bot. Gauge           | 8076'     | Ft.  | Yes              | Blanked Off | Oil A.P.I. Gravity     |                                                                                                 | Water Spec. Gravity        |                            |
| BT. P.R.D. No.             | 1920      |      | 24               | Hour Clock  | Gas Gravity            |                                                                                                 | Surface Pressure           | psi                        |
| Initial Hydro Mud Pres.    | 4128      |      | 4034             |             | Tool Opened            | 8:10 PM                                                                                         | Tool Closed                | 12:00 Midnight             |
| Initial Closed in Pres.    | 3297      |      | 3271             |             | Remarks                | Opened tool for 20 minute first flow. Closed tool for 60 minute initial closed in pressure. Re- |                            |                            |
| Initial Flow Pres.         | 95.5      | 1    | 78               |             |                        | opened tool for 60 minute second flow with a fair                                               |                            |                            |
| Final Flow Pres.           | 186       | 2    | 69               |             |                        | blow, weak blow @ end of test. No show of oil                                                   |                            |                            |
| Final Closed in Pres.      | 3344      |      | 3262             |             |                        | Closed tool for 110 minute final closed in pressure.                                            |                            |                            |
| Final Hydro Mud Pres.      | 4128      |      | 4018             |             |                        |                                                                                                 |                            |                            |

FORMATION TEST DATA

9