

|                                            |             |                                                                                    |                                  |                                      |          |                           |                       |
|--------------------------------------------|-------------|------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|----------|---------------------------|-----------------------|
| RINCAN<br>LEASE                            |             | 31<br>WELL NO.                                                                     | 2<br>TEST NO.                    | JOHNSON OIL & GAS COMPANY<br>COMPANY |          | FARMINGTON<br>DISTRICT    |                       |
| LOCATION -                                 |             |  |                                  |                                      |          | Date 8-23-54              |                       |
| FIELD Lowery Field                         |             |                                                                                    |                                  |                                      |          | Ticket No. 80994 T        |                       |
| COUNTY Rio Arriba                          |             |                                                                                    |                                  |                                      |          | HOWCO DISTRICT Farmington |                       |
| STATE New Mexico                           |             | HOLE & TOOL DATA                                                                   |                                  |                                      |          | Kind of Job Open Hole     |                       |
| CONTRACTOR Corbett Drilling Co.            |             | Total Depth 7548'                                                                  | Casing Perforations              | Top -                                | Bottom - | Price \$ 278.00           |                       |
|                                            |             | Top Packer Depth -                                                                 | Bottom Packer Depth 7512'        |                                      |          | Second Packer Assembly -  |                       |
| MUD DATA                                   |             | Casing or Hole Size 7"                                                             | Liner or Rathole Size 6 1/8"     |                                      |          | Safety Joint \$ 15.00     |                       |
| Kind Chemical                              |             | Formation Tested -                                                                 |                                  |                                      |          |                           | Extra Folder Charge - |
| Weight 8.9 lbs.-gal.                       |             | Size Drill Pipe 2 7/8                                                              | Size Drill Collars 3 1/2 x 4 1/2 |                                      |          | Bowen Jars #326 \$ 100.00 |                       |
| Viscosity 75 Sec.                          |             | Size Bottom Choke 1 1/2"                                                           | Size Surface Choke 1"            |                                      |          |                           |                       |
| Filter Loss 5.6 c. c. Filter Cake 2/32 in. |             | Size Tool Valve -                                                                  | Size Pilot Valve -               |                                      |          |                           |                       |
| BT. P.R.D. No. 349 Blanked Off No          |             | Size Hook Wall Packer -                                                            | Size Rings -                     | No. Rings -                          |          |                           |                       |
| 12 Hr. Clock No. 1136                      |             | Size D. E. Wall Packer 5 1/2 SEWP                                                  | No. Packers 1                    |                                      |          | Total \$ 393.00           |                       |
| Est. Gauge Depth Temp. 150 °F              |             | PRD Device No. -                                                                   | Blanked Off No                   |                                      |          | Witnessed By Mr. Copeland |                       |
| Pressure Readings Field Office Corrected   |             | Size & Length Anchor 3 1/2 FH x 4 1/2 x 35'                                        |                                  |                                      |          |                           | Tester D. G. Reynolds |
| Initial Hydro Mud Pressure 3470            | 3470 p.s.i. | REMARKS: Tool opened with good blow of air. Gas to surface in 5 minutes.           |                                  |                                      |          |                           |                       |
| Initial Flow Pres. 700                     | 710 p.s.i.  | Mud to surface in 1 hour. Flowed water.                                            |                                  |                                      |          |                           |                       |
| Tool Open 2 hours                          |             |                                                                                    |                                  |                                      |          |                           |                       |
| Final Flow Pres. 2810                      | 2830 p.s.i. |                                                                                    |                                  |                                      |          |                           |                       |
| Time Closed In 30 minutes                  |             |                                                                                    |                                  |                                      |          |                           |                       |
| Closed in Pres. 3180                       | 3230 p.s.i. |                                                                                    |                                  |                                      |          |                           |                       |
| Final Hydro Mud Pressure 3440              | 3470 p.s.i. | Amount of Cushion None                                                             | All depths measured from R.T.    | No. Folders Reproduced 8             |          |                           |                       |

TIME

PRESSURE

Each Horizontal Line Equal to 1000 p.s.i.