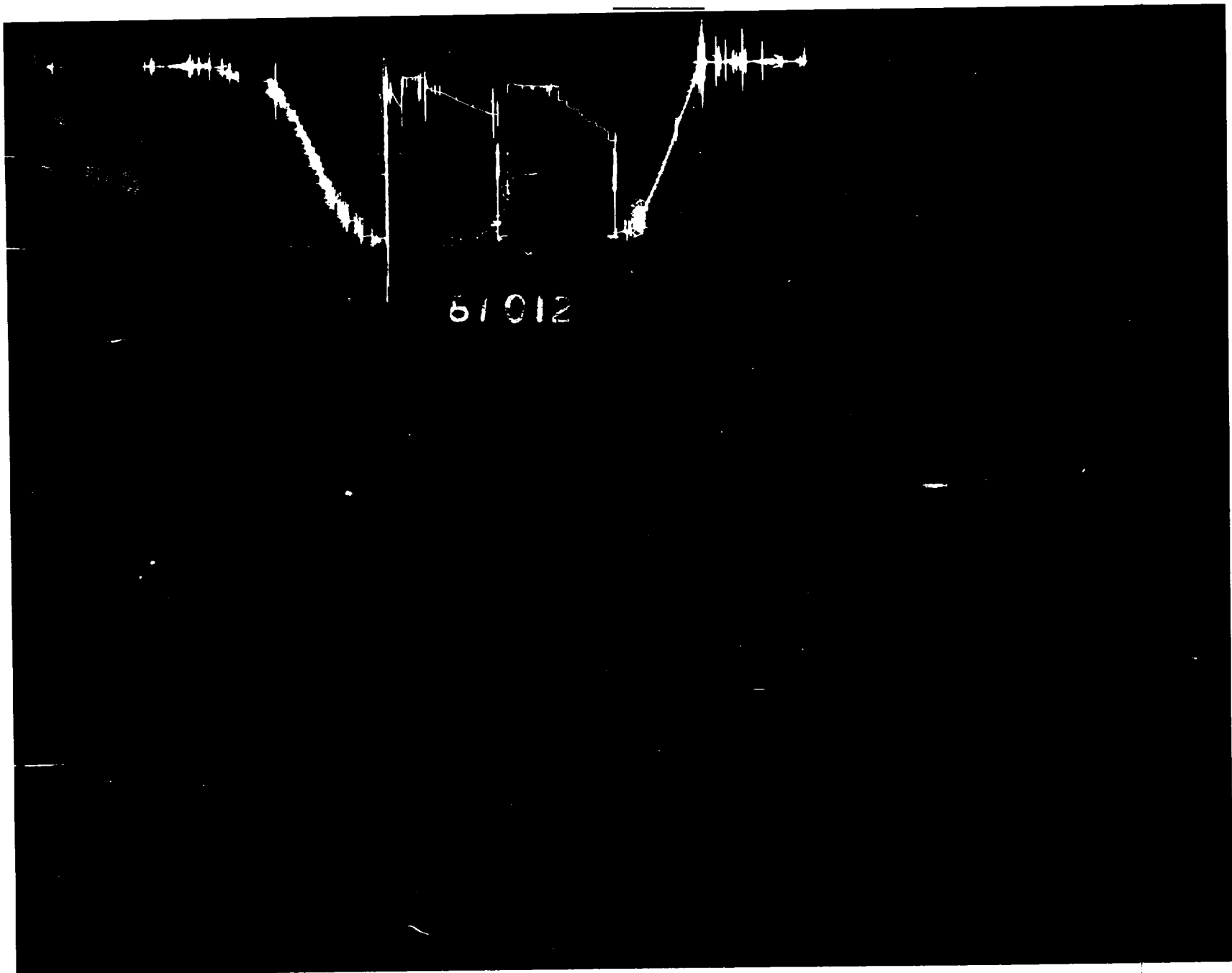


|                                          |                                                                          |                                                                                    |                          |                                 |             |
|------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------|---------------------------------|-------------|
| Mesa Unit 30-5                           |                                                                          | 3-9                                                                                | 3                        | Phillips Petroleum Co.          | San Juan    |
| LEASE                                    |                                                                          | WELL NO.                                                                           | TEST NO.                 | COMPANY                         | DISTRICT    |
| LOCATION                                 |                                                                          |  |                          |                                 | Date 4-4-53 |
| FIELD Wildcat                            | Ticket No. 81012                                                         |                                                                                    |                          |                                 |             |
| COUNTY Rio Arriba                        | HOWCO DISTRICT Farmington                                                |                                                                                    |                          |                                 |             |
| STATE New Mexico                         | HOLE & TOOL DATA                                                         |                                                                                    |                          | Kind of Job Open Hole           |             |
| CONTRACTOR Great Western Drlg. Co.       | Total Depth 3370'                                                        | Casing Perforations                                                                | Top Bottom               | Price \$235.00                  |             |
| #31                                      | Top Packer Depth 3224'                                                   | Bottom Packer Depth 3228'                                                          |                          | Second Packer Assembly \$ 75.00 |             |
| MUD DATA                                 | Casing or Hole Size 3-3/4"                                               | Liner or Rathole Size -                                                            |                          | Safety Joint \$ 15.00           |             |
| Kind Aquagel                             | Formation Tested Pictured Cliff                                          |                                                                                    |                          | Extra Folder Charge -           |             |
| Weight 10.6 lbs.-gal.                    | Size Drill Pipe 4 1/2" P.H.                                              | Size Drill Collars 4 1/2" H-90                                                     |                          | Bowen Jars \$100.00             |             |
| Viscosity 60 Sec.                        | Size Bottom Choke 1"                                                     | Size Surface Choke 1"                                                              |                          |                                 |             |
| Filter Loss - c. c. Filter Cake 1/32 in. | Size Tool Valve 1"                                                       | 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 8" D.E.W.P.                                        | No. Packers 2                                                                      |                          | Total \$425.00                  |             |
| Est. Gauge Depth Temp. 100 °F            | PRD Device No. 3086                                                      | Blanked Off Yes                                                                    |                          | Witnessed By Bob Hite           |             |
| Pressure Readings Field Office Corrected | Size & Length Anchor 127' x 6" DC 15' HOWCO ANCHOR                       |                                                                                    |                          | Tester Jack Benham              |             |
| Initial Hydro Mud Pressure 1903 p.s.i.   | REMARKS: Testing for oil & gas. Opened tool with good blow and continued |                                                                                    |                          |                                 |             |
| Initial Flow Pres. 222 p.s.i.            | 35 minutes then died. By-passed fluid and reopened tool with good        |                                                                                    |                          |                                 |             |
| Tool Open 1 Hr. 30 Min.                  | blow. Blow decreased rapidly and died after 25 minutes. Recovered        |                                                                                    |                          |                                 |             |
| Final Flow Pres. 253 p.s.i.              | 410' slightly gas cut drlg. fluid.                                       |                                                                                    |                          |                                 |             |
| Time Closed In 30 Min.                   | Pressure recordings indicate intermittent plugging throughout            |                                                                                    |                          |                                 |             |
| Closed in Pres. 858 p.s.i.               | test.                                                                    |                                                                                    |                          |                                 |             |
| Final Hydro Mud Pressure 1903 p.s.i.     | Amount of Cushion None                                                   | All depths measured from Rotary Table                                              | No. Folders Reproduced 5 |                                 |             |

TIME

PRESSURE



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



OIL WELL CEMENTING CO.

**Formation Testing  
"Service Report"**

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