HALLIBURTON

**JOB LOG** HAL-2013-C

| DATE | PAGE NO |
|---|---|
| 11/27/95 | 1 |

| CUSTOMER | WELL NO. | LEASE | JOB TYPE | TICKET NO. |
|---|---|---|---|---|
| Doyle Hart Mam | 5 | Brill Laughlin | Squeeze | 877315 |

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS T | PUMPS C | PRESSURE (PSI) TUBING | PRESSURE (PSI) CASING | DESCRIPTION OF OPERATION AND MATERIALS |
|---|---|---|---|---|---|---|---|---|
| | 05:00 | | | | | | | Called out |
| | 08:00 | | | | | | | On Location Safety Meeting Rig up |
| | 011:20 | | | | | | | Run ~~Bat~~ Retainer in Hole |
| | 12:22 | 2 | 15 | | | 40 | | Pump Tubing Capsity |
| | 12:28 | | | | | | | Set Retainer |
| | 1:12 | 3.5 | 56 | | | | 1000 | PRESSURE up Back side |
| | 1.30 | 2.7 | 40 | | | 105 | | Break Circulation |
| | 1.45 | 4.5 | 25.6 | | | 270 | | Pump lead Cement (Thixotropic) 14.8 |
| | 1:53 | 4.5 | 47 | | | 2100 | | Pump Tail Cement (neat) 14.8 |
| | 2:17 | | | | | | | Shut Down Wash up To pit |
| | 2:21 | .5 | 3 | | | 1600 | | Start Displacement of Cmt With Flw |
| | 2:30 | | | | | 1670 / 1617 | | Stage Cmt. |
| | 2:35 | .5 | 1 | | | 1617 / 2050 | | Pump Displacement Stage |
| | 2:40 | .5 | 2 | | | 1760 / 2200 | | Pump Displacement + Stage |
| | 2:43 | .5 | 1 | | | 1905 / 2327 | | Pump Displacement + Stage |
| | 2:58 | .3 | 1.5 | | | 2000 / 2500 | | Pump Displacemet + Shut Down |
| | 3:04 | 2 | 14 | | | | 600 | Reverse out |
| | 3:13 | | | | | | | Shut Down Rig up To pump Chemical Water |
| | 3:30 | 3 | | | | 650 | | Displace Hole. |
| | 4:20 | .2 | 1 | | | | 3200 | PRESSURE Test Casing |
| | | | | | | | | 13 Sks To pit |
| | | | | | | | | 34 Sks in Casing |
| | | | | | | | | 253 in Formation |

Thankyou Scott Duane + Paul

CUSTOMER