

BENNETT-CATHEY WIRE LINE SERVICE  
 PHONE (505) 748-3354  
 ARTESIA, NEW MEXICO, 88210

## PRESSURE TRANSIENT TEST DATA

## SUBSURFACE PRESSURE MEASUREMENTS

| DATE     | TIME     | t<br>hrs | GAUGE<br>PRESSURE<br>psig | ABSOLUTE<br>PRESSURE<br>psia | RESERVOIR<br>PRESSURE<br>psia |
|----------|----------|----------|---------------------------|------------------------------|-------------------------------|
| 11/07/85 | 23:20:00 | 3.500    | 2,638.5                   | 2,651.7                      | 2,671.7                       |
| 11/07/85 | 23:35:00 | 3.750    | 2,646.7                   | 2,659.9                      | 2,679.9                       |
| 11/07/85 | 23:50:00 | 4.000    | 2,651.3                   | 2,664.5                      | 2,684.5                       |
| 11/08/85 | 00:05:00 | 4.250    | 2,655.6                   | 2,668.8                      | 2,688.8                       |
| 11/08/85 | 00:20:00 | 4.500    | 2,658.5                   | 2,671.7                      | 2,691.7                       |
| 11/08/85 | 00:35:00 | 4.750    | 2,660.2                   | 2,673.4                      | 2,693.4                       |
| 11/08/85 | 00:50:00 | 5.000    | 2,661.8                   | 2,675.0                      | 2,695.0                       |
| 11/08/85 | 01:05:00 | 5.250    | 2,663.5                   | 2,676.7                      | 2,696.7                       |
| 11/08/85 | 01:20:00 | 5.500    | 2,665.5                   | 2,678.7                      | 2,698.7                       |
| 11/08/85 | 01:35:00 | 5.750    | 2,667.5                   | 2,680.7                      | 2,700.7                       |
| 11/08/85 | 01:50:00 | 6.000    | 2,669.5                   | 2,682.7                      | 2,702.7                       |
| 11/08/85 | 02:05:00 | 6.250    | 2,671.5                   | 2,684.7                      | 2,704.7                       |
| 11/08/85 | 02:20:00 | 6.500    | 2,673.4                   | 2,686.6                      | 2,706.6                       |
| 11/08/85 | 02:35:00 | 6.750    | 2,675.3                   | 2,688.5                      | 2,708.5                       |
| 11/08/85 | 02:50:00 | 7.000    | 2,676.9                   | 2,690.1                      | 2,710.1                       |
| 11/08/85 | 03:05:00 | 7.250    | 2,678.6                   | 2,691.8                      | 2,711.8                       |
| 11/08/85 | 03:20:00 | 7.500    | 2,680.2                   | 2,693.4                      | 2,713.4                       |
| 11/08/85 | 03:35:00 | 7.750    | 2,681.8                   | 2,695.0                      | 2,715.0                       |
| 11/08/85 | 03:50:00 | 8.000    | 2,683.4                   | 2,696.6                      | 2,716.6                       |
| 11/08/85 | 04:05:00 | 8.250    | 2,684.7                   | 2,697.9                      | 2,717.9                       |
| 11/08/85 | 04:20:00 | 8.500    | 2,685.2                   | 2,698.4                      | 2,718.4                       |
| 11/08/85 | 04:35:00 | 8.750    | 2,685.7                   | 2,698.9                      | 2,718.9                       |
| 11/08/85 | 04:50:00 | 9.000    | 2,686.2                   | 2,699.4                      | 2,719.4                       |
| 11/08/85 | 05:05:00 | 9.250    | 2,686.8                   | 2,700.0                      | 2,720.0                       |
| 11/08/85 | 05:20:00 | 9.500    | 2,687.3                   | 2,700.5                      | 2,720.5                       |
| 11/08/85 | 05:35:00 | 9.750    | 2,687.8                   | 2,701.0                      | 2,721.0                       |
| 11/08/85 | 05:50:00 | 10.000   | 2,688.3                   | 2,701.5                      | 2,721.5                       |
| 11/08/85 | 06:05:00 | 10.250   | 2,689.0                   | 2,702.2                      | 2,722.2                       |
| 11/08/85 | 06:20:00 | 10.500   | 2,690.0                   | 2,703.2                      | 2,723.2                       |
| 11/08/85 | 06:35:00 | 10.750   | 2,691.1                   | 2,704.3                      | 2,724.3                       |
| 11/08/85 | 06:50:00 | 11.000   | 2,692.1                   | 2,705.3                      | 2,725.3                       |
| 11/08/85 | 07:05:00 | 11.250   | 2,693.1                   | 2,706.3                      | 2,726.3                       |
| 11/08/85 | 07:20:00 | 11.500   | 2,694.1                   | 2,707.3                      | 2,727.3                       |
| 11/08/85 | 07:35:00 | 11.750   | 2,695.1                   | 2,708.3                      | 2,728.3                       |
| 11/08/85 | 07:50:00 | 12.000   | 2,696.1                   | 2,709.3                      | 2,729.3                       |
| 11/08/85 | 08:05:00 | 12.250   | 2,697.1                   | 2,710.3                      | 2,730.3                       |
| 11/08/85 | 08:20:00 | 12.500   | 2,697.6                   | 2,710.8                      | 2,730.8                       |
| 11/08/85 | 08:35:00 | 12.750   | 2,697.9                   | 2,711.1                      | 2,731.1                       |
| 11/08/85 | 08:50:00 | 13.000   | 2,698.1                   | 2,711.3                      | 2,731.3                       |
| 11/08/85 | 09:05:00 | 13.250   | 2,698.4                   | 2,711.6                      | 2,731.6                       |
| 11/08/85 | 09:20:00 | 13.500   | 2,698.7                   | 2,711.9                      | 2,731.9                       |
| 11/08/85 | 09:35:00 | 13.750   | 2,699.0                   | 2,712.2                      | 2,732.2                       |
| 11/08/85 | 09:50:00 | 14.000   | 2,699.3                   | 2,712.5                      | 2,732.5                       |
| 11/08/85 | 10:05:00 | 14.250   | 2,699.6                   | 2,712.8                      | 2,732.8                       |
| 11/08/85 | 10:20:00 | 14.500   | 2,699.9                   | 2,713.1                      | 2,733.1                       |
| 11/08/85 | 10:35:00 | 14.750   | 2,700.1                   | 2,713.3                      | 2,733.3                       |