

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 |
|----------|----------|----------|---------------------------|------------------------------|-------------------------------|
| 07/09/86 | 22:45:00 | 35.500   | 4,317.6                   | 4,330.8                      | 4,380.8                       |
| 07/09/86 | 23:00:00 | 35.750   | 4,327.2                   | 4,340.4                      | 4,390.4                       |
| 07/09/86 | 23:15:00 | 36.000   | 4,336.7                   | 4,349.9                      | 4,399.9                       |
| 07/09/86 | 23:30:00 | 36.250   | 4,346.3                   | 4,359.5                      | 4,409.5                       |
| 07/09/86 | 23:45:00 | 36.500   | 4,355.7                   | 4,368.9                      | 4,418.9                       |
| 07/10/86 | 00:00:00 | 36.750   | 4,365.1                   | 4,378.3                      | 4,428.3                       |
| 07/10/86 | 00:15:00 | 37.000   | 4,374.5                   | 4,387.7                      | 4,437.7                       |
| 07/10/86 | 00:30:00 | 37.250   | 4,383.8                   | 4,397.0                      | 4,447.0                       |
| 07/10/86 | 00:45:00 | 37.500   | 4,393.2                   | 4,406.4                      | 4,456.4                       |
| 07/10/86 | 01:00:00 | 37.750   | 4,402.5                   | 4,415.7                      | 4,465.7                       |
| 07/10/86 | 01:15:00 | 38.000   | 4,411.3                   | 4,424.5                      | 4,474.5                       |
| 07/10/86 | 01:30:00 | 38.250   | 4,420.2                   | 4,433.4                      | 4,483.4                       |
| 07/10/86 | 01:45:00 | 38.500   | 4,429.1                   | 4,442.3                      | 4,492.3                       |
| 07/10/86 | 02:00:00 | 38.750   | 4,438.0                   | 4,451.2                      | 4,501.2                       |
| 07/10/86 | 02:15:00 | 39.000   | 4,446.8                   | 4,460.0                      | 4,510.0                       |
| 07/10/86 | 02:30:00 | 39.250   | 4,455.3                   | 4,468.5                      | 4,518.5                       |
| 07/10/86 | 02:45:00 | 39.500   | 4,463.8                   | 4,477.0                      | 4,527.0                       |
| 07/10/86 | 03:00:00 | 39.750   | 4,472.3                   | 4,485.5                      | 4,535.5                       |
| 07/10/86 | 03:15:00 | 40.000   | 4,480.8                   | 4,494.0                      | 4,544.0                       |
| 07/10/86 | 03:30:00 | 40.250   | 4,489.3                   | 4,502.5                      | 4,552.5                       |
| 07/10/86 | 03:45:00 | 40.500   | 4,497.5                   | 4,510.7                      | 4,560.7                       |
| 07/10/86 | 04:00:00 | 40.750   | 4,505.4                   | 4,518.6                      | 4,568.6                       |
| 07/10/86 | 04:15:00 | 41.000   | 4,513.4                   | 4,526.6                      | 4,576.6                       |
| 07/10/86 | 04:30:00 | 41.250   | 4,521.4                   | 4,534.6                      | 4,584.6                       |
| 07/10/86 | 04:45:00 | 41.500   | 4,529.3                   | 4,542.5                      | 4,592.5                       |
| 07/10/86 | 05:00:00 | 41.750   | 4,537.3                   | 4,550.5                      | 4,600.5                       |
| 07/10/86 | 05:15:00 | 42.000   | 4,545.2                   | 4,558.4                      | 4,608.4                       |
| 07/10/86 | 05:30:00 | 42.250   | 4,553.0                   | 4,566.2                      | 4,616.2                       |
| 07/10/86 | 05:45:00 | 42.500   | 4,560.8                   | 4,574.0                      | 4,624.0                       |
| 07/10/86 | 06:00:00 | 42.750   | 4,568.6                   | 4,581.8                      | 4,631.8                       |
| 07/10/86 | 06:15:00 | 43.000   | 4,576.4                   | 4,589.6                      | 4,639.6                       |
| 07/10/86 | 06:30:00 | 43.250   | 4,584.2                   | 4,597.4                      | 4,647.4                       |
| 07/10/86 | 06:45:00 | 43.500   | 4,592.0                   | 4,605.2                      | 4,655.2                       |
| 07/10/86 | 07:00:00 | 43.750   | 4,599.8                   | 4,613.0                      | 4,663.0                       |
| 07/10/86 | 07:15:00 | 44.000   | 4,607.5                   | 4,620.7                      | 4,670.7                       |
| 07/10/86 | 07:30:00 | 44.250   | 4,613.6                   | 4,626.8                      | 4,676.8                       |
| 07/10/86 | 07:45:00 | 44.500   | 4,619.7                   | 4,632.9                      | 4,682.9                       |
| 07/10/86 | 08:00:00 | 44.750   | 4,625.7                   | 4,638.9                      | 4,688.9                       |
| 07/10/86 | 08:15:00 | 45.000   | 4,631.8                   | 4,645.0                      | 4,695.0                       |
| 07/10/86 | 08:30:00 | 45.250   | 4,637.9                   | 4,651.1                      | 4,701.1                       |
| 07/10/86 | 08:45:00 | 45.500   | 4,643.9                   | 4,657.1                      | 4,707.1                       |
| 07/10/86 | 09:00:00 | 45.750   | 4,650.0                   | 4,663.2                      | 4,713.2                       |
| 07/10/86 | 09:15:00 | 46.000   | 4,656.0                   | 4,669.2                      | 4,719.2                       |
| 07/10/86 | 09:30:00 | 46.250   | 4,662.1                   | 4,675.3                      | 4,725.3                       |
| 07/10/86 | 09:45:00 | 46.500   | 4,668.2                   | 4,681.4                      | 4,731.4                       |
| 07/10/86 | 10:00:00 | 46.750   | 4,674.2                   |                              |                               |