

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 |
|----------|----------|----------|---------------------------|------------------------------|-------------------------------|
| 08/14/85 | 07:50:00 | 13.500   | 8,844.0                   | 8,857.2                      | 8,877.2                       |
| 08/14/85 | 08:05:00 | 13.750   | 8,844.3                   | 8,857.5                      | 8,877.5                       |
| 08/14/85 | 08:20:00 | 14.000   | 8,844.5                   | 8,857.7                      | 8,877.7                       |
| 08/14/85 | 08:35:00 | 14.250   | 8,844.7                   | 8,857.9                      | 8,877.9                       |
| 08/14/85 | 08:50:00 | 14.500   | 8,844.9                   | 8,858.1                      | 8,878.1                       |
| 08/14/85 | 09:05:00 | 14.750   | 8,845.1                   | 8,858.3                      | 8,878.3                       |
| 08/14/85 | 09:20:00 | 15.000   | 8,845.3                   | 8,858.5                      | 8,878.5                       |
| 08/14/85 | 09:35:00 | 15.250   | 8,845.5                   | 8,858.7                      | 8,878.7                       |
| 08/14/85 | 09:50:00 | 15.500   | 8,845.7                   | 8,858.9                      | 8,878.9                       |
| 08/14/85 | 10:05:00 | 15.750   | 8,845.9                   | 8,859.1                      | 8,879.1                       |
| 08/14/85 | 10:20:00 | 16.000   | 8,846.1                   | 8,859.3                      | 8,879.3                       |
| 08/14/85 | 10:35:00 | 16.250   | 8,846.3                   | 8,859.5                      | 8,879.5                       |
| 08/14/85 | 10:50:00 | 16.500   | 8,846.6                   | 8,859.8                      | 8,879.8                       |
| 08/14/85 | 11:05:00 | 16.750   | 8,846.8                   | 8,860.0                      | 8,880.0                       |
| 08/14/85 | 11:20:00 | 17.000   | 8,847.0                   | 8,860.2                      | 8,880.2                       |
| 08/14/85 | 11:35:00 | 17.250   | 8,847.2                   | 8,860.4                      | 8,880.4                       |
| 08/14/85 | 11:50:00 | 17.500   | 8,847.4                   | 8,860.6                      | 8,880.6                       |
| 08/14/85 | 12:05:00 | 17.750   | 8,847.6                   | 8,860.8                      | 8,880.8                       |
| 08/14/85 | 12:20:00 | 18.000   | 8,847.8                   | 8,861.0                      | 8,881.0                       |
| 08/14/85 | 12:35:00 | 18.250   | 8,848.0                   | 8,861.2                      | 8,881.2                       |
| 08/14/85 | 12:50:00 | 18.500   | 8,848.2                   | 8,861.4                      | 8,881.4                       |
| 08/14/85 | 13:05:00 | 18.750   | 8,848.6                   | 8,861.8                      | 8,881.8                       |
| 08/14/85 | 13:20:00 | 19.000   | 8,849.2                   | 8,862.4                      | 8,882.4                       |
| 08/14/85 | 13:35:00 | 19.250   | 8,849.8                   | 8,863.0                      | 8,883.0                       |
| 08/14/85 | 13:50:00 | 19.500   | 8,850.5                   | 8,863.7                      | 8,883.7                       |
| 08/14/85 | 14:05:00 | 19.750   | 8,851.1                   | 8,864.3                      | 8,884.3                       |
| 08/14/85 | 14:20:00 | 20.000   | 8,851.7                   | 8,864.9                      | 8,884.9                       |
| 08/14/85 | 14:35:00 | 20.250   | 8,852.3                   | 8,865.5                      | 8,885.5                       |
| 08/14/85 | 14:50:00 | 20.500   | 8,852.9                   | 8,866.1                      | 8,886.1                       |
| 08/14/85 | 15:05:00 | 20.750   | 8,853.5                   | 8,866.7                      | 8,886.7                       |
| 08/14/85 | 15:20:00 | 21.000   | 8,854.2                   | 8,867.4                      | 8,887.4                       |
| 08/14/85 | 15:35:00 | 21.250   | 8,854.8                   | 8,868.0                      | 8,888.0                       |
| 08/14/85 | 15:50:00 | 21.500   | 8,855.4                   | 8,868.6                      | 8,888.6                       |
| 08/14/85 | 16:05:00 | 21.750   | 8,856.0                   | 8,869.2                      | 8,889.2                       |
| 08/14/85 | 16:20:00 | 22.000   | 8,856.6                   | 8,869.8                      | 8,889.8                       |
| 08/14/85 | 16:35:00 | 22.250   | 8,857.3                   | 8,870.5                      | 8,890.5                       |
| 08/14/85 | 16:50:00 | 22.500   | 8,857.9                   | 8,871.1                      | 8,891.1                       |
| 08/14/85 | 17:05:00 | 22.750   | 8,858.5                   | 8,871.7                      | 8,891.7                       |
| 08/14/85 | 17:20:00 | 23.000   | 8,859.1                   | 8,872.3                      | 8,892.3                       |
| 08/14/85 | 17:35:00 | 23.250   | 8,859.7                   | 8,872.9                      | 8,892.9                       |
| 08/14/85 | 17:50:00 | 23.500   | 8,860.4                   | 8,873.6                      | 8,893.6                       |
| 08/14/85 | 18:05:00 | 23.750   | 8,860.8                   | 8,874.0                      | 8,894.0                       |
| 08/14/85 | 18:20:00 | 24.000   | 8,861.1                   | 8,874.3                      | 8,894.3                       |
| 08/14/85 | 18:35:00 | 24.250   | 8,861.5                   | 8,874.7                      | 8,894.7                       |
| 08/14/85 | 18:50:00 | 24.500   | 8,861.9                   | 8,875.1                      | 8,895.1                       |
| 08/14/85 | 19:05:00 | 24.750   | 8,862.2                   | 8,875.4                      | 8,895.4                       |