

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 |
|----------|----------|----------|---------------------------|------------------------------|-------------------------------|
| 07/12/86 | 19:45:00 | 3.500    | 8,545.6                   | 8,558.8                      | 8,567.8                       |
| 07/12/86 | 20:00:00 | 3.750    | 8,547.8                   | 8,561.0                      | 8,570.0                       |
| 07/12/86 | 20:15:00 | 4.000    | 8,549.9                   | 8,563.1                      | 8,572.1                       |
| 07/12/86 | 20:30:00 | 4.250    | 8,551.4                   | 8,564.6                      | 8,573.6                       |
| 07/12/86 | 20:45:00 | 4.500    | 8,552.7                   | 8,565.9                      | 8,574.9                       |
| 07/12/86 | 21:00:00 | 4.750    | 8,553.9                   | 8,567.1                      | 8,576.1                       |
| 07/12/86 | 21:15:00 | 5.000    | 8,555.2                   | 8,568.4                      | 8,577.4                       |
| 07/12/86 | 21:30:00 | 5.250    | 8,556.7                   | 8,569.9                      | 8,578.9                       |
| 07/12/86 | 21:45:00 | 5.500    | 8,558.4                   | 8,571.6                      | 8,580.6                       |
| 07/12/86 | 22:00:00 | 5.750    | 8,560.0                   | 8,573.2                      | 8,582.2                       |
| 07/12/86 | 22:15:00 | 6.000    | 8,561.7                   | 8,574.9                      | 8,583.9                       |
| 07/12/86 | 22:30:00 | 6.250    | 8,562.5                   | 8,575.7                      | 8,584.7                       |
| 07/12/86 | 22:45:00 | 6.500    | 8,563.1                   | 8,576.3                      | 8,585.3                       |
| 07/12/86 | 23:00:00 | 6.750    | 8,563.8                   | 8,577.0                      | 8,586.0                       |
| 07/12/86 | 23:15:00 | 7.000    | 8,564.5                   | 8,577.7                      | 8,586.7                       |
| 07/12/86 | 23:30:00 | 7.250    | 8,565.2                   | 8,578.4                      | 8,587.4                       |
| 07/12/86 | 23:45:00 | 7.500    | 8,565.8                   | 8,579.0                      | 8,588.0                       |
| 07/13/86 | 00:00:00 | 7.750    | 8,566.5                   | 8,579.7                      | 8,588.7                       |
| 07/13/86 | 00:15:00 | 8.000    | 8,567.2                   | 8,580.4                      | 8,589.4                       |
| 07/13/86 | 00:30:00 | 8.250    | 8,567.8                   | 8,581.0                      | 8,590.0                       |
| 07/13/86 | 00:45:00 | 8.500    | 8,568.4                   | 8,581.6                      | 8,590.6                       |
| 07/13/86 | 01:00:00 | 8.750    | 8,569.0                   | 8,582.2                      | 8,591.2                       |
| 07/13/86 | 01:15:00 | 9.000    | 8,569.6                   | 8,582.8                      | 8,591.8                       |
| 07/13/86 | 01:30:00 | 9.250    | 8,570.2                   | 8,583.4                      | 8,592.4                       |
| 07/13/86 | 01:45:00 | 9.500    | 8,570.8                   | 8,584.0                      | 8,593.0                       |
| 07/13/86 | 02:00:00 | 9.750    | 8,571.4                   | 8,584.6                      | 8,593.6                       |
| 07/13/86 | 02:15:00 | 10.000   | 8,572.1                   | 8,585.3                      | 8,594.3                       |
| 07/13/86 | 02:30:00 | 10.250   | 8,572.6                   | 8,585.8                      | 8,594.8                       |
| 07/13/86 | 02:45:00 | 10.500   | 8,572.9                   | 8,586.1                      | 8,595.1                       |
| 07/13/86 | 03:00:00 | 10.750   | 8,573.1                   | 8,586.3                      | 8,595.3                       |
| 07/13/86 | 03:15:00 | 11.000   | 8,573.4                   | 8,586.6                      | 8,595.6                       |
| 07/13/86 | 03:30:00 | 11.250   | 8,573.6                   | 8,586.8                      | 8,595.8                       |
| 07/13/86 | 03:45:00 | 11.500   | 8,573.9                   | 8,587.1                      | 8,596.1                       |
| 07/13/86 | 04:00:00 | 11.750   | 8,574.2                   | 8,587.4                      | 8,596.4                       |
| 07/13/86 | 04:15:00 | 12.000   | 8,574.4                   | 8,587.6                      | 8,596.6                       |
| 07/13/86 | 04:30:00 | 12.250   | 8,574.7                   | 8,587.9                      | 8,596.9                       |
| 07/13/86 | 04:45:00 | 12.500   | 8,575.0                   | 8,588.2                      | 8,597.2                       |
| 07/13/86 | 05:00:00 | 12.750   | 8,575.2                   | 8,588.4                      | 8,597.4                       |
| 07/13/86 | 05:15:00 | 13.000   | 8,575.5                   | 8,588.7                      | 8,597.7                       |
| 07/13/86 | 05:30:00 | 13.250   | 8,575.8                   | 8,589.0                      | 8,598.0                       |
| 07/13/86 | 05:45:00 | 13.500   | 8,576.0                   | 8,589.2                      | 8,598.2                       |
| 07/13/86 | 06:00:00 | 13.750   | 8,576.3                   | 8,589.5                      | 8,598.5                       |
| 07/13/86 | 06:15:00 | 14.000   | 8,576.5                   | 8,589.7                      | 8,598.7                       |
| 07/13/86 | 06:30:00 | 14.250   | 8,576.8                   | 8,590.0                      | 8,599.0                       |
| 07/13/86 | 06:45:00 | 14.500   | 8,577.1                   | 8,590.3                      | 8,599.3                       |
| 07/13/86 | 07:00:00 | 14.750   | 8,577.3                   | 8,590.5                      | 8,599.5                       |