

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 |
|----------|----------|----------|---------------------------|------------------------------|-------------------------------|
| 06/21/85 | 04:00:00 | 36.000   | 6,487.5                   | 6,500.7                      | 6,559.7                       |
| 06/21/85 | 04:15:00 | 36.250   | 6,490.5                   | 6,503.7                      | 6,562.7                       |
| 06/21/85 | 04:30:00 | 36.500   | 6,493.5                   | 6,506.7                      | 6,565.7                       |
| 06/21/85 | 04:45:00 | 36.750   | 6,496.5                   | 6,509.7                      | 6,568.7                       |
| 06/21/85 | 05:00:00 | 37.000   | 6,499.5                   | 6,512.7                      | 6,571.7                       |
| 06/21/85 | 05:15:00 | 37.250   | 6,502.6                   | 6,515.8                      | 6,574.8                       |
| 06/21/85 | 05:30:00 | 37.500   | 6,505.6                   | 6,518.8                      | 6,577.8                       |
| 06/21/85 | 05:45:00 | 37.750   | 6,508.7                   | 6,521.9                      | 6,580.9                       |
| 06/21/85 | 06:00:00 | 38.000   | 6,511.7                   | 6,524.9                      | 6,583.9                       |
| 06/21/85 | 06:15:00 | 38.250   | 6,514.8                   | 6,528.0                      | 6,587.0                       |
| 06/21/85 | 06:30:00 | 38.500   | 6,517.8                   | 6,531.0                      | 6,590.0                       |
| 06/21/85 | 06:45:00 | 38.750   | 6,520.5                   | 6,533.7                      | 6,592.7                       |
| 06/21/85 | 07:00:00 | 39.000   | 6,523.0                   | 6,536.2                      | 6,595.2                       |
| 06/21/85 | 07:15:00 | 39.250   | 6,525.5                   | 6,538.7                      | 6,597.7                       |
| 06/21/85 | 07:30:00 | 39.500   | 6,528.0                   | 6,541.2                      | 6,600.2                       |
| 06/21/85 | 07:45:00 | 39.750   | 6,530.5                   | 6,543.7                      | 6,602.7                       |
| 06/21/85 | 08:00:00 | 40.000   | 6,533.0                   | 6,546.2                      | 6,605.2                       |
| 06/21/85 | 08:15:00 | 40.250   | 6,535.5                   | 6,548.7                      | 6,607.7                       |
| 06/21/85 | 08:30:00 | 40.500   | 6,537.9                   | 6,551.1                      | 6,610.1                       |
| 06/21/85 | 08:45:00 | 40.750   | 6,540.3                   | 6,553.5                      | 6,612.5                       |
| 06/21/85 | 09:00:00 | 41.000   | 6,542.8                   | 6,556.0                      | 6,615.0                       |
| 06/21/85 | 09:15:00 | 41.250   | 6,545.2                   | 6,558.4                      | 6,617.4                       |
| 06/21/85 | 09:30:00 | 41.500   | 6,547.7                   | 6,560.9                      | 6,619.9                       |
| 06/21/85 | 09:45:00 | 41.750   | 6,550.1                   | 6,563.3                      | 6,622.3                       |
| 06/21/85 | 10:00:00 | 42.000   | 6,552.5                   | 6,565.7                      | 6,624.7                       |
| 06/21/85 | 10:15:00 | 42.250   | 6,555.2                   | 6,568.4                      | 6,627.4                       |
| 06/21/85 | 10:30:00 | 42.500   | 6,557.9                   | 6,571.1                      | 6,630.1                       |
| 06/21/85 | 10:45:00 | 42.750   | 6,560.6                   | 6,573.8                      | 6,632.8                       |
| 06/21/85 | 11:00:00 | 43.000   | 6,563.4                   | 6,576.6                      | 6,635.6                       |
| 06/21/85 | 11:15:00 | 43.250   | 6,566.1                   | 6,579.3                      | 6,638.3                       |
| 06/21/85 | 11:30:00 | 43.500   | 6,569.1                   | 6,582.3                      | 6,641.3                       |
| 06/21/85 | 11:45:00 | 43.750   | 6,572.4                   | 6,585.6                      | 6,644.6                       |
| 06/21/85 | 12:00:00 | 44.000   | 6,575.6                   | 6,588.8                      | 6,647.8                       |
| 06/21/85 | 12:15:00 | 44.250   | 6,578.9                   | 6,592.1                      | 6,651.1                       |
| 06/21/85 | 12:30:00 | 44.500   | 6,582.2                   | 6,595.4                      | 6,654.4                       |
| 06/21/85 | 12:45:00 | 44.750   | 6,585.3                   | 6,598.5                      | 6,657.5                       |
| 06/21/85 | 13:00:00 | 45.000   | 6,588.0                   | 6,601.2                      | 6,660.2                       |
| 06/21/85 | 13:15:00 | 45.250   | 6,590.7                   | 6,603.9                      | 6,662.9                       |
| 06/21/85 | 13:30:00 | 45.500   | 6,593.4                   | 6,606.6                      | 6,665.6                       |
| 06/21/85 | 13:45:00 | 45.750   | 6,596.1                   | 6,609.3                      | 6,668.3                       |
| 06/21/85 | 14:00:00 | 46.000   | 6,598.8                   | 6,612.0                      | 6,671.0                       |
| 06/21/85 | 14:15:00 | 46.250   | 6,601.5                   | 6,614.7                      | 6,673.7                       |
| 06/21/85 | 14:30:00 | 46.500   | 6,604.0                   | 6,617.2                      | 6,676.2                       |
| 06/21/85 | 14:45:00 | 46.750   | 6,606.4                   | 6,619.6                      | 6,678.6                       |
| 06/21/85 | 15:00:00 | 47.000   | 6,608.8                   | 6,622.0                      | 6,681.0                       |
| 06/21/85 | 15:15:00 | 47.250   | 6,611.2                   | 6,624.4                      | 6,683.4                       |