

DISPLACEMENT AND TRUE VERTICAL DEPTH  
vs. MEASURED DEPTH  
B. M. Justis No. 10  
E/2 NE/4 Section 19, T-25-S, R-37-E  
Lea County, New Mexico

| <u>Measured<br/>Depth</u> | <u>Section</u> | <u>Average<br/>Deviation</u> | <u>Displacement</u> | <u>Total<br/>Displacement</u> | <u>TVD</u> |
|---------------------------|----------------|------------------------------|---------------------|-------------------------------|------------|
| 600                       | 600            | 0                            | 0                   | 0                             | 600        |
| 700                       | 100            | 3/4                          | 1.309               | 1.309                         | 699.991    |
| 800                       | 100            | 2 1/4                        | 3.926               | 5.235                         | 799.914    |
| 900                       | 100            | 3 3/4                        | 6.540               | 11.775                        | 899.700    |
| 1000                      | 100            | 5 1/4                        | 9.150               | 20.925                        | 999.280    |
| 1100                      | 100            | 6 3/4                        | 11.754              | 32.679                        | 1098.587   |
| 1200                      | 100            | 8 1/4                        | 14.349              | 47.028                        | 1197.552   |
| 1300                      | 100            | 9 3/4                        | 16.935              | 63.963                        | 1296.108   |
| 1400                      | 100            | 11 1/4                       | 19.509              | 83.472                        | 1394.187   |
| 1500                      | 100            | 12 3/4                       | 22.070              | 105.542                       | 1491.721   |
| 1600                      | 100            | 14 1/4                       | 24.615              | 130.157                       | 1588.644   |
| 1700                      | 100            | 15                           | 25.882              | 156.039                       | 1685.237   |
| 2700                      | 1000           | 15                           | 258.820             | 414.858                       | 2651.162   |
| 2800                      | 100            | 15                           | 25.882              | 440.740                       | 2747.755   |
| 2900                      | 100            | 15                           | 25.882              | 466.622                       | 2844.348   |
| 3000                      | 100            | 15                           | 25.882              | 492.504                       | 2940.940   |
| 3100                      | 100            | 15                           | 25.882              | 518.386                       | 3037.533   |
| 3200                      | 100            | 15                           | 25.882              | 544.268                       | 3134.125   |
| 3268                      | 68             | 15                           | 17.560              | 561.828                       | 3200.000   |

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