

|                                      |   |
|--------------------------------------|---|
| Job Number: 23D1210152               | State/Country: West Virginia              |
| Company: Stone                       | Declination: []                           |
| Lease/Well: Weekley st al Unit 1 #1H | Grid: []                                  |
| Location: Mary Prospect              | File name: D:\WINSERVE\JOBS\WEEKLY.SVY    |
| Rig Name: Saxon 141                  | Date/Time: 16-Dec-10 / 11:39              |
| RKB: []                              | Curve Name: D:\WINSERVE\JOBS\WEEKLE~1.TXT |
| G.L. or M.S.L.: []                   |   |

**Scientific Drilling**

**WINSERVE PROPOSAL REPORT**  
*Minimum Curvature Method*  
*Vertical Section Plane 135.11*  
*Vertical Section Referenced to Wellhead*  
*Rectangular Coordinates Referenced to Wellhead*

| Measured Depth<br>FT | Incl Angle<br>Deg | Drift Direction<br>Deg | True Vertical Depth | N-S<br>FT | E-W<br>FT | Vertical Section<br>FT | Distance<br>FT | Dogleg Severity<br>Deg/100 |
|----------------------|-------------------|------------------------|---------------------|-----------|-----------|------------------------|----------------|----------------------------|
| .00                  | .00               | .00                    | .00                 | .00       | .00       | .00                    | .00            | .00                        |
| 108.00               | .68               | 181.60                 | 108.00              | -.64      | -.02      | .44                    | .64            | .63                        |
| 208.00               | .50               | 158.05                 | 207.99              | -1.64     | .13       | 1.25                   | 1.64           | .30                        |
| 308.00               | .32               | 129.19                 | 307.99              | -2.22     | .51       | 1.93                   | 2.28           | .27                        |
| 408.00               | .28               | 230.20                 | 407.99              | -2.55     | .54       | 2.19                   | 2.61           | .46                        |
| 508.00               | .36               | 202.11                 | 507.99              | -3.00     | .23       | 2.29                   | 3.01           | .17                        |
| 608.00               | .34               | 209.59                 | 607.99              | -3.55     | -.03      | 2.49                   | 3.55           | .05                        |
| 708.00               | .50               | 176.98                 | 707.98              | -4.24     | -.16      | 2.89                   | 4.25           | .28                        |
| 808.00               | .94               | 145.98                 | 807.98              | -5.36     | .32       | 4.03                   | 5.37           | .57                        |
| 908.00               | 1.36              | 111.16                 | 907.96              | -6.47     | 1.89      | 5.92                   | 6.74           | .80                        |
| 1008.00              | .79               | 82.01                  | 1007.94             | -6.80     | 3.68      | 7.41                   | 7.73           | .77                        |
| 1108.00              | .24               | 120.80                 | 1107.93             | -6.81     | 4.54      | 8.03                   | 8.19           | .62                        |
| 1208.00              | .57               | 124.80                 | 1207.93             | -7.20     | 5.13      | 8.72                   | 8.84           | .33                        |
| 1308.00              | .60               | 88.99                  | 1307.93             | -7.48     | 6.06      | 9.58                   | 9.63           | .36                        |
| 1408.00              | .77               | 72.70                  | 1407.92             | -7.27     | 7.23      | 10.25                  | 10.25          | .26                        |
| 1508.00              | .36               | 39.81                  | 1507.91             | -6.83     | 8.07      | 10.53                  | 10.57          | .51                        |
| 1608.00              | .24               | 156.14                 | 1607.91             | -6.78     | 8.36      | 10.70                  | 10.76          | .51                        |
| 1708.00              | .43               | 164.38                 | 1707.91             | -7.33     | 8.54      | 11.22                  | 11.26          | .20                        |
| 1808.00              | .23               | 83.31                  | 1807.91             | -7.67     | 8.84      | 11.67                  | 11.70          | .46                        |
| 1908.00              | .42               | 175.78                 | 1907.91             | -8.01     | 9.07      | 12.07                  | 12.10          | .49                        |
| 2008.00              | .15               | 67.85                  | 2007.91             | -8.33     | 9.22      | 12.40                  | 12.42          | .49                        |
| 2108.00              | .25               | 261.00                 | 2107.91             | -8.31     | 9.12      | 12.33                  | 12.34          | .40                        |
| 2208.00              | .13               | 357.16                 | 2207.91             | -8.23     | 8.90      | 12.11                  | 12.12          | .29                        |
| 2308.00              | .39               | 180.86                 | 2307.91             | -8.46     | 8.89      | 12.27                  | 12.27          | .52                        |
| 2408.00              | .09               | 307.58                 | 2407.91             | -8.75     | 8.82      | 12.43                  | 12.43          | .45                        |

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| Measured Depth FT | Incl Angle Deg | Drift Direction Deg | True Vertical Depth | N-S FT | E-W FT | Vertical Section FT | Distance FT | Dogleg Severity Deg/100 |
|-------------------|----------------|---------------------|---------------------|--------|--------|---------------------|-------------|-------------------------|
| 2508.00           | .41            | 196.98              | 2507.91             | -9.05  | 8.66   | 12.52               | 12.52       | .45                     |
| 2608.00           | .17            | 91.41               | 2607.91             | -9.39  | 8.70   | 12.79               | 12.80       | .48                     |
| 2708.00           | .19            | 250.98              | 2707.91             | -9.45  | 8.69   | 12.83               | 12.84       | .35                     |
| 2808.00           | .35            | 178.83              | 2807.90             | -9.81  | 8.54   | 12.98               | 13.01       | .34                     |
| 2908.00           | .14            | 64.66               | 2907.90             | -10.06 | 8.66   | 13.24               | 13.27       | .43                     |
| 3008.00           | .10            | 350.11              | 3007.90             | -9.92  | 8.75   | 13.21               | 13.23       | .15                     |
| 3108.00           | .52            | 179.95              | 3107.90             | -10.29 | 8.74   | 13.46               | 13.50       | .62                     |
| 3208.00           | .37            | 152.87              | 3207.90             | -11.03 | 8.89   | 14.09               | 14.17       | .25                     |
| 3308.00           | .44            | 161.87              | 3307.90             | -11.68 | 9.15   | 14.74               | 14.84       | .09                     |
| 3408.00           | .47            | 189.84              | 3407.89             | -12.45 | 9.20   | 15.32               | 15.48       | .22                     |
| 3508.00           | .38            | 138.25              | 3507.89             | -13.10 | 9.35   | 15.89               | 16.10       | .38                     |
| 3608.00           | .48            | 199.89              | 3607.89             | -13.75 | 9.43   | 16.39               | 16.67       | .45                     |
| 3708.00           | .09            | 169.29              | 3707.89             | -14.22 | 9.30   | 16.64               | 16.99       | .41                     |
| 3808.00           | .37            | 128.08              | 3807.89             | -14.49 | 9.57   | 17.02               | 17.37       | .31                     |
| 3908.00           | .39            | 176.75              | 3907.88             | -15.03 | 9.85   | 17.60               | 17.97       | .31                     |
| 4008.00           | .62            | 103.80              | 4007.88             | -15.50 | 10.39  | 18.31               | 18.66       | .63                     |
| 4108.00           | .56            | 87.15               | 4107.88             | -15.61 | 11.40  | 19.10               | 19.33       | .18                     |
| 4208.00           | .62            | 97.39               | 4207.87             | -15.65 | 12.43  | 19.86               | 19.99       | .12                     |
| 4308.00           | .49            | 132.09              | 4307.87             | -16.01 | 13.28  | 20.71               | 20.80       | .35                     |
| 4408.00           | .54            | 112.25              | 4407.86             | -16.47 | 14.04  | 21.58               | 21.64       | .18                     |
| 4508.00           | .41            | 105.73              | 4507.86             | -16.75 | 14.82  | 22.32               | 22.36       | .14                     |
| 4608.00           | .36            | 110.65              | 4607.86             | -16.96 | 15.45  | 22.92               | 22.94       | .06                     |
| 4708.00           | .24            | 202.69              | 4707.86             | -17.26 | 15.67  | 23.29               | 23.31       | .44                     |
| 4808.00           | .45            | 181.22              | 4807.85             | -17.85 | 15.58  | 23.64               | 23.69       | .24                     |
| 4908.00           | .41            | 114.23              | 4907.85             | -18.39 | 15.90  | 24.24               | 24.30       | .48                     |
| 5008.00           | .28            | 74.68               | 5007.85             | -18.47 | 16.46  | 24.70               | 24.74       | .26                     |
| 5108.00           | .36            | 98.47               | 5107.85             | -18.45 | 17.00  | 25.07               | 25.09       | .15                     |
| 5208.00           | .07            | 71.81               | 5207.85             | -18.48 | 17.37  | 25.35               | 25.36       | .30                     |
| 5308.00           | .14            | 198.81              | 5307.85             | -18.57 | 17.39  | 25.43               | 25.44       | .19                     |
| 5408.00           | .14            | 221.43              | 5407.85             | -18.78 | 17.27  | 25.49               | 25.52       | .05                     |
| 5508.00           | .32            | 199.84              | 5507.85             | -19.13 | 17.10  | 25.62               | 25.66       | .20                     |
| 5608.00           | .45            | 128.44              | 5607.85             | -19.64 | 17.31  | 26.13               | 26.18       | .46                     |
| 5634.00           | .30            | 147.51              | 5633.84             | -19.76 | 17.43  | 26.30               | 26.35       | .74                     |
| 5666.00           | .40            | 152.01              | 5665.84             | -19.93 | 17.52  | 26.49               | 26.54       | .32                     |
| 5697.00           | 1.90           | 122.01              | 5696.84             | -20.30 | 18.01  | 27.09               | 27.14       | 5.05                    |
| 5729.00           | 4.80           | 119.21              | 5728.78             | -21.23 | 19.63  | 28.90               | 28.92       | 9.07                    |
| 5760.00           | 7.90           | 123.81              | 5759.59             | -23.05 | 22.53  | 32.23               | 32.24       | 10.13                   |
| 5791.00           | 9.20           | 131.11              | 5790.24             | -25.87 | 26.17  | 36.80               | 36.80       | 5.45                    |
| 5823.00           | 10.50          | 133.31              | 5821.77             | -29.55 | 30.22  | 42.26               | 42.27       | 4.23                    |
| 5855.00           | 11.90          | 130.71              | 5853.16             | -33.70 | 34.84  | 48.47               | 48.47       | 4.65                    |
| 5886.00           | 14.20          | 127.51              | 5883.36             | -38.10 | 40.28  | 55.42               | 55.45       | 7.77                    |
| 5917.00           | 16.70          | 129.01              | 5913.23             | -43.22 | 46.76  | 63.62               | 63.68       | 8.17                    |
| 5948.00           | 19.30          | 129.51              | 5942.71             | -49.28 | 54.18  | 73.15               | 73.24       | 8.40                    |
| 5980.00           | 20.90          | 129.71              | 5972.76             | -56.30 | 62.65  | 84.10               | 84.23       | 5.00                    |
| 6011.00           | 21.90          | 128.91              | 6001.63             | -63.46 | 71.40  | 95.35               | 95.53       | 3.36                    |

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| Measured Depth FT | Incl Angle Deg | Drift Direction Deg | True Vertical Depth | N-S FT   | E-W FT  | Vertical Section FT | Distance FT | Dogleg Severity Deg/100 |
|-------------------|----------------|---------------------|---------------------|----------|---------|---------------------|-------------|-------------------------|
| 6043.00           | 23.30          | 130.21              | 6031.17             | -71.29   | 80.88   | 107.59              | 107.81      | 4.64                    |
| 6074.00           | 25.30          | 130.81              | 6059.42             | -79.58   | 90.58   | 120.30              | 120.57      | 6.50                    |
| 6105.00           | 27.30          | 131.61              | 6087.21             | -88.63   | 100.91  | 134.01              | 134.30      | 6.55                    |
| 6127.00           | 28.59          | 133.88              | 6106.65             | -95.63   | 108.47  | 144.31              | 144.61      | 7.60                    |
| 6190.00           | 33.83          | 137.60              | 6160.51             | -119.05  | 131.18  | 176.92              | 177.15      | 8.86                    |
| 6254.00           | 39.63          | 140.39              | 6211.79             | -147.95  | 156.23  | 215.08              | 215.17      | 9.43                    |
| 6317.00           | 45.62          | 139.62              | 6258.12             | -180.61  | 183.65  | 257.57              | 257.58      | 9.54                    |
| 6381.00           | 51.65          | 138.10              | 6300.40             | -216.75  | 215.26  | 305.48              | 305.48      | 9.59                    |
| 6413.00           | 55.00          | 138.05              | 6319.51             | -235.84  | 232.40  | 331.10              | 331.11      | 10.47                   |
| 6445.00           | 58.56          | 137.94              | 6337.04             | -255.73  | 250.32  | 357.84              | 357.85      | 11.13                   |
| 6477.00           | 61.26          | 138.19              | 6353.08             | -276.33  | 268.82  | 385.48              | 385.51      | 8.46                    |
| 6509.00           | 64.07          | 137.15              | 6367.77             | -297.34  | 287.96  | 413.88              | 413.92      | 9.24                    |
| 6540.00           | 67.06          | 136.75              | 6380.60             | -317.96  | 307.23  | 442.08              | 442.14      | 9.72                    |
| 6572.00           | 71.43          | 136.05              | 6391.93             | -339.62  | 327.86  | 471.99              | 472.05      | 13.81                   |
| 6604.00           | 74.25          | 136.45              | 6401.37             | -361.70  | 349.00  | 502.56              | 502.62      | 8.89                    |
| 6636.00           | 74.60          | 136.63              | 6409.97             | -384.08  | 370.20  | 533.37              | 533.45      | 1.22                    |
| 6668.00           | 76.55          | 136.25              | 6417.94             | -406.54  | 391.56  | 564.36              | 564.44      | 6.20                    |
| 6699.00           | 78.89          | 137.07              | 6424.53             | -428.56  | 412.34  | 594.63              | 594.72      | 7.98                    |
| 6731.00           | 79.80          | 136.74              | 6430.45             | -451.53  | 433.83  | 626.07              | 626.17      | 3.02                    |
| 6763.00           | 81.50          | 136.70              | 6435.65             | -474.51  | 455.48  | 657.63              | 657.74      | 5.31                    |
| 6795.00           | 83.46          | 136.55              | 6439.83             | -497.57  | 477.26  | 689.34              | 689.46      | 6.14                    |
| 6826.00           | 84.51          | 136.45              | 6443.08             | -519.94  | 498.48  | 720.16              | 720.29      | 3.40                    |
| 6858.00           | 86.19          | 136.72              | 6445.68             | -543.10  | 520.40  | 752.04              | 752.18      | 5.32                    |
| 6890.00           | 89.66          | 136.57              | 6446.83             | -566.35  | 542.35  | 784.00              | 784.16      | 10.85                   |
| 6954.00           | 93.74          | 137.10              | 6444.94             | -613.00  | 586.11  | 847.93              | 848.11      | 6.43                    |
| 7017.00           | 93.97          | 136.38              | 6440.70             | -658.78  | 629.18  | 910.76              | 910.97      | 1.20                    |
| 7081.00           | 93.94          | 133.95              | 6436.29             | -704.05  | 674.20  | 974.61              | 974.80      | 3.79                    |
| 7145.00           | 92.79          | 134.15              | 6432.53             | -748.47  | 720.12  | 1038.48             | 1038.64     | 1.82                    |
| 7208.00           | 91.61          | 133.48              | 6430.11             | -792.06  | 765.54  | 1101.42             | 1101.55     | 2.15                    |
| 7272.00           | 90.84          | 133.47              | 6428.74             | -836.08  | 811.97  | 1165.38             | 1165.47     | 1.20                    |
| 7336.00           | 90.67          | 133.90              | 6427.90             | -880.28  | 858.25  | 1229.35             | 1229.43     | .72                     |
| 7399.00           | 90.71          | 133.35              | 6427.14             | -923.74  | 903.85  | 1292.33             | 1292.38     | .88                     |
| 7463.00           | 90.87          | 133.79              | 6426.26             | -967.85  | 950.22  | 1356.30             | 1356.33     | .73                     |
| 7526.00           | 90.84          | 134.57              | 6425.32             | -1011.75 | 995.39  | 1419.28             | 1419.31     | 1.24                    |
| 7589.00           | 89.66          | 134.20              | 6425.04             | -1055.82 | 1040.41 | 1482.28             | 1482.30     | 1.96                    |
| 7653.00           | 89.73          | 134.41              | 6425.38             | -1100.52 | 1086.21 | 1546.27             | 1546.29     | .35                     |
| 7717.00           | 90.07          | 134.51              | 6425.50             | -1145.34 | 1131.89 | 1610.26             | 1610.28     | .55                     |
| 7780.00           | 90.44          | 134.69              | 6425.21             | -1189.58 | 1176.75 | 1673.26             | 1673.27     | .65                     |
| 7844.00           | 90.71          | 135.22              | 6424.57             | -1234.80 | 1222.04 | 1737.26             | 1737.27     | .93                     |
| 7907.00           | 89.50          | 134.26              | 6424.46             | -1279.14 | 1266.79 | 1800.25             | 1800.26     | 2.45                    |
| 7971.00           | 89.19          | 134.22              | 6425.19             | -1323.79 | 1312.63 | 1864.24             | 1864.25     | .49                     |
| 8034.00           | 89.33          | 134.99              | 6426.00             | -1368.02 | 1357.48 | 1927.23             | 1927.24     | 1.24                    |
| 8098.00           | 89.26          | 134.12              | 6426.79             | -1412.92 | 1403.08 | 1991.23             | 1991.23     | 1.36                    |
| 8161.00           | 89.26          | 134.08              | 6427.60             | -1456.76 | 1448.32 | 2054.21             | 2054.21     | .06                     |
| 8225.00           | 89.90          | 135.21              | 6428.07             | -1501.73 | 1493.86 | 2118.21             | 2118.21     | 2.03                    |

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| Measured Depth<br>FT    | Incl Angle<br>Deg | Drift Direction<br>Deg | True Vertical<br>Depth | N-S<br>FT | E-W<br>FT | Vertical Section<br>FT | Distance<br>FT | Dogleg Severity<br>Deg/100 |
|-------------------------|-------------------|------------------------|------------------------|-----------|-----------|------------------------|----------------|----------------------------|
| 8288.00                 | 90.34             | 135.50                 | 6427.94                | -1546.55  | 1538.13   | 2181.20                | 2181.21        | .84                        |
| 8352.00                 | 90.67             | 135.23                 | 6427.38                | -1592.09  | 1583.09   | 2245.20                | 2245.20        | .67                        |
| 8416.00                 | 90.71             | 135.30                 | 6426.61                | -1637.55  | 1628.13   | 2309.20                | 2309.20        | .13                        |
| 8479.00                 | 89.80             | 135.51                 | 6426.33                | -1682.41  | 1672.36   | 2372.19                | 2372.20        | 1.48                       |
| 8542.00                 | 89.80             | 136.90                 | 6426.55                | -1727.89  | 1715.96   | 2435.18                | 2435.18        | 2.21                       |
| 8606.00                 | 90.03             | 137.70                 | 6426.64                | -1774.92  | 1759.36   | 2499.13                | 2499.14        | 1.30                       |
| 8669.00                 | 90.24             | 137.44                 | 6426.49                | -1821.42  | 1801.87   | 2562.08                | 2562.09        | .53                        |
| 8732.00                 | 89.83             | 136.36                 | 6426.45                | -1867.42  | 1844.91   | 2625.04                | 2625.07        | 1.83                       |
| 8796.00                 | 89.80             | 134.77                 | 6426.66                | -1913.12  | 1889.72   | 2689.04                | 2689.06        | 2.48                       |
| 8860.00                 | 89.50             | 133.82                 | 6427.05                | -1957.81  | 1935.53   | 2753.03                | 2753.05        | 1.56                       |
| 8923.00                 | 89.29             | 134.51                 | 6427.72                | -2001.70  | 1980.72   | 2816.02                | 2816.03        | 1.14                       |
| 8987.00                 | 89.26             | 134.32                 | 6428.53                | -2046.49  | 2026.43   | 2880.01                | 2880.02        | .30                        |
| 9050.00                 | 89.46             | 134.39                 | 6429.23                | -2090.53  | 2071.47   | 2943.00                | 2943.01        | .34                        |
| 9113.00                 | 89.66             | 134.04                 | 6429.71                | -2134.46  | 2116.62   | 3005.99                | 3006.00        | .64                        |
| 9176.00                 | 89.53             | 134.63                 | 6430.16                | -2178.49  | 2161.68   | 3068.98                | 3068.99        | .96                        |
| 9240.00                 | 89.70             | 134.23                 | 6430.59                | -2223.29  | 2207.38   | 3132.98                | 3132.98        | .68                        |
| 9303.00                 | 89.63             | 134.48                 | 6430.96                | -2267.33  | 2252.43   | 3195.97                | 3195.97        | .41                        |
| 9367.00                 | 89.56             | 135.00                 | 6431.41                | -2312.38  | 2297.89   | 3259.97                | 3259.97        | .82                        |
| 9430.00                 | 89.66             | 134.76                 | 6431.84                | -2356.83  | 2342.53   | 3322.96                | 3322.97        | .41                        |
| 9494.00                 | 89.53             | 135.29                 | 6432.29                | -2402.11  | 2387.76   | 3386.96                | 3386.96        | .85                        |
| 9558.00                 | 89.63             | 135.38                 | 6432.76                | -2447.62  | 2432.75   | 3450.96                | 3450.96        | .21                        |
| 9622.00                 | 89.90             | 135.82                 | 6433.02                | -2493.35  | 2477.53   | 3514.96                | 3514.96        | .81                        |
| 9685.00                 | 89.90             | 135.68                 | 6433.13                | -2538.48  | 2521.49   | 3577.95                | 3577.96        | .22                        |
| 9749.00                 | 89.90             | 136.11                 | 6433.24                | -2584.43  | 2566.03   | 3641.95                | 3641.95        | .67                        |
| 9812.00                 | 90.07             | 136.25                 | 6433.26                | -2629.89  | 2609.65   | 3704.94                | 3704.94        | .35                        |
| 9876.00                 | 89.97             | 136.80                 | 6433.24                | -2676.33  | 2653.69   | 3768.92                | 3768.93        | .87                        |
| 9939.00                 | 89.70             | 136.46                 | 6433.42                | -2722.13  | 2696.95   | 3831.89                | 3831.91        | .69                        |
| 10002.00                | 90.17             | 136.00                 | 6433.49                | -2767.62  | 2740.53   | 3894.88                | 3894.90        | 1.04                       |
| 10066.00                | 89.97             | 136.62                 | 6433.41                | -2813.90  | 2784.74   | 3958.87                | 3958.89        | 1.02                       |
| 10130.00                | 89.80             | 136.47                 | 6433.54                | -2860.36  | 2828.76   | 4022.85                | 4022.87        | .35                        |
| 10193.00                | 90.74             | 136.37                 | 6433.24                | -2905.99  | 2872.18   | 4085.83                | 4085.86        | 1.50                       |
| 10256.00                | 91.21             | 136.37                 | 6432.17                | -2951.59  | 2915.65   | 4148.80                | 4148.84        | .75                        |
| 10320.00                | 91.38             | 136.24                 | 6430.73                | -2997.85  | 2959.85   | 4212.77                | 4212.81        | .33                        |
| 10383.00                | 90.71             | 136.51                 | 6429.58                | -3043.45  | 3003.31   | 4275.75                | 4275.79        | 1.15                       |
| <b>Projection To TD</b> |                   |                        |                        |           |           |                        |                |                            |
| 10470.00                | 90.71             | 136.51                 | 6428.50                | -3106.56  | 3063.18   | 4362.71                | 4362.77        | .00                        |

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