

BASS ENTERPRISES  
MONTEITH WELL NO. B-1  
LEA COUNTY, NEW MEXICO

COMPUTATION TIME DATE  
14:32:08 12-MAY-81

PAGE NO.

| MEASURED<br>DEPTH<br>FEET | DRIFT<br>ANGLE<br>D M | DRIFT<br>DIRECTION<br>D | TRUE<br>VERTICAL<br>DEPTH<br>FEET | VERTICAL<br>SECTION<br>FEET | RECTANGULAR<br>COORDINATES |                     | BOG<br>LEG<br>SEVERITY<br>DG/100FT |
|---------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------|----------------------------|---------------------|------------------------------------|
|                           |                       |                         |                                   |                             | C                          | O O R D I N A T E S |                                    |
| 8811.                     | 18 0                  | S 86 E                  | 8728.75                           | 475.53                      | 18.43                      | N 480.81 E          | 0.63                               |
| 8904.                     | 18 0                  | S 86 E                  | 8817.20                           | 504.24                      | 16.43                      | N 509.48 E          | 0.00                               |
| 8997.                     | 18 0                  | S 86 E                  | 8905.65                           | 532.95                      | 14.43                      | N 538.15 E          | 0.00                               |
| 9091.                     | 18 0                  | S 86 E                  | 8995.04                           | 561.96                      | 12.40                      | N 567.12 E          | 0.00                               |
| 9184.                     | 17 45                 | S 85 E                  | 9083.56                           | 590.49                      | 10.16                      | N 595.58 E          | 0.43                               |
| 9277.                     | 17 30                 | S 84 E                  | 9172.19                           | 618.64                      | 7.46                       | N 623.61 E          | 0.42                               |
| 9371.                     | 17 0                  | S 85 E                  | 9261.96                           | 646.51                      | 4.79                       | N 651.36 E          | 0.62                               |
| 9464.                     | 17 15                 | S 84 E                  | 9350.84                           | 673.89                      | 2.16                       | N 678.61 E          | 0.42                               |
| 9558.                     | 17 15                 | S 84 E                  | 9440.61                           | 701.76                      | 0.75                       | S 706.34 E          | 0.00                               |
| 9744.                     | 17 15                 | S 83 E                  | 9618.24                           | 756.92                      | 6.99                       | S 761.14 E          | 0.16                               |
| 9838.                     | 16 45                 | S 83 E                  | 9708.14                           | 784.40                      | 10.34                      | S 788.42 E          | 0.53                               |
| 9931.                     | 16 45                 | S 84 E                  | 9797.19                           | 811.20                      | 13.38                      | S 815.04 E          | 0.31                               |
| 10024.                    | 16 30                 | S 84 E                  | 9886.30                           | 837.81                      | 16.16                      | S 841.51 E          | 0.27                               |
| 10118.                    | 16 0                  | S 83 E                  | 9976.55                           | 864.11                      | 19.14                      | S 867.64 E          | 0.61                               |
| 10211.                    | 15 15                 | S 81 E                  | 10066.11                          | 889.15                      | 22.62                      | S 892.44 E          | 0.99                               |
| 10305.                    | 15 0                  | S 80 E                  | 10156.85                          | 913.65                      | 26.67                      | S 916.63 E          | 0.38                               |
| 10398.                    | 14 30                 | S 79 E                  | 10246.79                          | 937.27                      | 30.98                      | S 939.92 E          | 0.60                               |
| 10491.                    | 13 45                 | S 78 E                  | 10336.97                          | 959.88                      | 35.51                      | S 962.15 E          | 0.85                               |
| 10585.                    | 13 30                 | S 76 E                  | 10428.33                          | 981.89                      | 40.49                      | S 983.73 E          | 0.57                               |
| 10678.                    | 14 0                  | S 76 E                  | 10518.67                          | 1003.81                     | 45.84                      | S 1005.18 E         | 0.54                               |
| 10771.                    | 14 45                 | S 76 E                  | 10608.75                          | 51.42                       | 1026.70                    | S 1027.58 E         | 0.81                               |
| 10865.                    | 15 45                 | S 75 E                  | 10699.44                          | 1051.19                     | 57.61                      | S 1051.52 E         | 1.10                               |
| 10958.                    | 17 45                 | S 80 E                  | 10788.49                          | 1077.84                     | 63.41                      | S 1077.68 E         | 2.65                               |
| 11051.                    | 19 15                 | S 78 E                  | 10876.68                          | 1107.26                     | 69.04                      | S 1106.64 E         | 1.75                               |
| 11145.                    | 19 45                 | S 77 E                  | 10965.29                          | 1138.47                     | 75.83                      | S 1137.27 E         | 0.64                               |
| 11238.                    | 20 0                  | S 77 E                  | 11052.75                          | 82.95                       | 1169.89                    | S 1168.08 E         | 0.27                               |
| 11332.                    | 20 30                 | S 78 E                  | 11140.94                          | 89.99                       | 89.99                      | S 1199.84 E         | 0.65                               |
| 11425.                    | 21 15                 | S 78 E                  | 11227.83                          | 96.88                       | 96.88                      | S 1232.26 E         | 0.81                               |
| 11518.                    | 21 45                 | S 79 E                  | 11314.36                          | 1269.20                     | 103.67                     | S 1265.66 E         | 0.67                               |
| 23                        | 23 45                 | S 79 E                  | 11401.05                          | 1305.44                     | 110.61                     | S 1301.34 E         | 2.13                               |