

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

BD1-268

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 | R E C T A N G U L A R<br>C O O R D I N A T E S<br>FEET | DOG LEG<br>SEVERITY<br>DG/100FT |
|---------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------|--------------------------------------------------------|---------------------------------|
| 0.                        | 0 0                   | 0                       | 0.00                              | 0.00                        | 0.00                                                   | 0.00                            |
| 100.                      | 0 45                  | N 37 W                  | 100.00                            | -0.45                       | 0.52 N                                                 | 0.75                            |
| 200.                      | 1 0                   | N 49 W                  | 199.99                            | -1.61                       | 1.64 N                                                 | 0.31                            |
| 300.                      | 0 45                  | N 48 W                  | 299.97                            | -2.86                       | 2.65 N                                                 | 0.25                            |
| 400.                      | 0 30                  | N 49 W                  | 399.97                            | -3.76                       | 3.37 N                                                 | 0.25                            |
| 500.                      | 0 30                  | N 46 W                  | 499.96                            | -4.46                       | 3.96 N                                                 | 0.03                            |
| 600.                      | 0 30                  | N 73 W                  | 599.96                            | -5.25                       | 4.40 N                                                 | 0.23                            |
| 700.                      | 0 30                  | N 68 W                  | 699.96                            | -6.10                       | 4.69 N                                                 | 0.04                            |
| 800.                      | 0 30                  | N 83 W                  | 799.95                            | -6.96                       | 4.91 N                                                 | 0.13                            |
| 900.                      | 0 30                  | N 82 W                  | 899.95                            | -7.84                       | 5.02 N                                                 | 0.01                            |
| 1000.                     | 0 30                  | N 67 W                  | 999.94                            | -8.70                       | 5.25 N                                                 | 0.13                            |
| 1100.                     | 0 30                  | N 54 W                  | 1099.94                           | -9.50                       | 5.68 N                                                 | 0.11                            |
| 1200.                     | 0 30                  | N 62 W                  | 1199.94                           | -10.29                      | 6.14 N                                                 | 0.07                            |
| 1300.                     | 0 30                  | N 77 W                  | 1299.93                           | -11.13                      | 6.45 N                                                 | 0.13                            |
| 1400.                     | 0 30                  | N 88 W                  | 1399.93                           | -12.00                      | 6.56 N                                                 | 0.10                            |
| 1500.                     | 0 15                  | N 86 W                  | 1499.93                           | -12.66                      | 6.60 N                                                 | 0.25                            |
| 1600.                     | 0 30                  | N 74 W                  | 1599.93                           | -13.31                      | 6.71 N                                                 | 0.26                            |
| 1700.                     | 0 30                  | S 78 W                  | 1699.92                           | -14.17                      | 6.74 N                                                 | 0.24                            |
| 1800.                     | 0 30                  | S 58 W                  | 1799.92                           | -14.93                      | 6.42 N                                                 | 0.17                            |
| 1900.                     | 0 0                   | 0                       | 1899.92                           | -15.28                      | 6.18 N                                                 | 0.50                            |
| 2000.                     | 0 30                  | S 71 W                  | 1999.92                           | -15.67                      | 6.04 N                                                 | 0.50                            |
| 2100.                     | 0 15                  | S 69 W                  | 2099.91                           | -16.26                      | 5.82 N                                                 | 0.25                            |
| 2200.                     | 0 30                  | S 65 W                  | 2199.91                           | -16.83                      | 5.56 N                                                 | 0.25                            |
| 2300.                     | 0 30                  | N 87 W                  | 2299.91                           | -17.65                      | 5.40 N                                                 | 0.24                            |
| 2400.                     | 0 30                  | S 69 W                  | 2399.90                           | -18.48                      | 5.26 N                                                 | 0.21                            |
| 2500.                     | 0 30                  | S 65 W                  | 2499.90                           | -19.30                      | 5.07 N                                                 | 0.14                            |
| 2600.                     | 0 15                  | N 0 E                   | 2599.90                           | -19.77                      | 5.46 N                                                 | 0.58                            |
| 2700.                     | 0 15                  | N 67 W                  | 2699.90                           | -20.04                      | 5.80 N                                                 | 0.23                            |
| 2800.                     | 0 30                  | N 65 W                  | 2799.89                           | -20.67                      | 6.07 N                                                 | 0.25                            |
| 2900.                     | 0 30                  | N 48 W                  | 2899.89                           | -21.44                      | 6.55 N                                                 | 0.15                            |