

TIME DATE

22:21:31 28-JUN-84

| MEASURED<br>DEPTH<br>FEET | DRIFT<br>ANGLE<br>D M | DRIFT<br>DIRECTION<br>D M | TRUE<br>VERTICAL<br>DEPTH<br>FEET | RECTANGULAR<br>COORDINATES<br>FEET | DOG LEG<br>SEVERITY<br>DG/100FT |
|---------------------------|-----------------------|---------------------------|-----------------------------------|------------------------------------|---------------------------------|
| 3000.                     | 0 45                  | N 38 0 E                  | 2999.84                           | 17.21 N 4.93 E                     | 0.01                            |
| 3100.                     | 0 32                  | N 41 41 E                 | 3099.84                           | 18.07 N 5.65 E                     | 0.23                            |
| 3200.                     | 0 35                  | N 37 25 E                 | 3199.83                           | 18.82 N 6.27 E                     | 0.07                            |
| 3300.                     | 0 29                  | N 41 34 E                 | 3299.83                           | 19.55 N 6.88 E                     | 0.10                            |
| 3400.                     | 0 20                  | N 44 57 E                 | 3399.82                           | 20.08 N 7.37 E                     | 0.16                            |
| 3500.                     | 0 22                  | N 39 21 E                 | 3499.82                           | 20.54 N 7.79 E                     | 0.06                            |
| 3600.                     | 0 26                  | N 45 58 E                 | 3599.82                           | 21.07 N 8.28 E                     | 0.08                            |
| 3700.                     | 0 22                  | N 39 49 E                 | 3699.82                           | 21.60 N 8.77 E                     | 0.08                            |
| 3800.                     | 0 15                  | N 34 53 E                 | 3799.82                           | 22.05 N 9.11 E                     | 0.12                            |
| 3900.                     | 0 9                   | N 18 53 E                 | 3899.81                           | 22.37 N 9.28 E                     | 0.11                            |
| 4000.                     | 0 10                  | N 13 51 E                 | 3999.81                           | 22.66 N 9.29 E                     | 0.09                            |
| 4100.                     | 0 10                  | N 0 42 E                  | 4099.81                           | 22.85 N 9.25 E                     | 0.07                            |
| 4115.                     | 0 10                  | N 0 56 E                  | 4114.81                           | 23.05 N 9.25 E                     | 0.34                            |
| 4146.                     | 0 10                  | N 59 0 W                  | 4141.81                           | 23.13 N 9.19 E                     | 0.71                            |
| 4178.                     | 0 0                   | N 0 0 E                   | 4177.81                           | 23.18 N 9.13 E                     | 0.78                            |
| 4273.                     | 0 15                  | N 5 0 E                   | 4272.81                           | 23.38 N 9.15 E                     | 0.26                            |
| 4367.                     | 0 15                  | N 23 0 W                  | 4366.81                           | 23.78 N 9.09 E                     | 0.13                            |
| 4462.                     | 0 15                  | N 18 0 W                  | 4461.81                           | 24.17 N 8.94 E                     | 0.02                            |
| 4556.                     | 0 15                  | N 25 0 W                  | 4555.81                           | 24.55 N 8.79 E                     | 0.03                            |
| 4651.                     | 0 15                  | N 10 0 E                  | 4650.81                           | 24.96 N 8.74 E                     | 0.16                            |
| 4745.                     | 0 15                  | N 6 0 E                   | 4744.81                           | 25.36 N 8.80 E                     | 0.02                            |
| 4840.                     | 0 30                  | N 1 0 E                   | 4839.81                           | 25.98 N 8.84 E                     | 0.27                            |
| 4934.                     | 0 30                  | N 12 0 W                  | 4933.80                           | 26.80 N 8.76 E                     | 0.12                            |
| 5029.                     | 0 15                  | N 45 0 W                  | 5028.80                           | 27.34 N 8.46 E                     | 0.34                            |
| 5123.                     | 0 15                  | N 74 0 W                  | 5122.80                           | 27.54 N 8.11 E                     | 0.13                            |
| 5218.                     | 0 15                  | S 44 0 W                  | 5217.80                           | 27.44 N 7.73 E                     | 0.27                            |
| 5312.                     | 0 30                  | S 8 0 W                   | 5311.80                           | 26.90 N 7.47 E                     | 0.35                            |
| 5407.                     | 0 15                  | S 3 0 W                   | 5406.79                           | 26.28 N 7.41 E                     | 0.27                            |
| 5501.                     | 0 15                  | S 4 0 E                   | 5500.79                           | 25.87 N 7.41 E                     | 0.03                            |
| 5596.                     | 0 0                   | 0 0                       | 5595.79                           | 25.66 N 7.43 E                     | 0.26                            |

RECEIVED  
SEP 14 1984  
HOBBS OFFICE