

October 21, 1997  
11:42 am

PathTracker 4.0  
Survey Calculation Program  
K-JET INC. DIRECTIONAL SERVICES

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Customer: MOBIL E & P  
WellName: N.V.A.U. # 244  
Location: LEA CO., N.M.

Vertical Section Calculated on: 0.0000  
Survey Calculation Method: Minimum Curvature  
FileName: C:\PATHTRKR\MOB0102.SR3

| #  | Depth<br>Feet | Inc<br>Degrees | Azimuth<br>Degrees | TVD<br>Feet | North<br>Feet | East<br>Feet | Section<br>Feet | Dogleg<br>/100f |
|----|---------------|----------------|--------------------|-------------|---------------|--------------|-----------------|-----------------|
| 70 | 7000.00       | 0.66           | 356.57             | 6999.45     | 2.90          | -22.20       | 2.90            | 0.25            |
| 71 | 7100.00       | 0.83           | 7.52               | 7099.44     | 4.19          | -22.14       | 4.19            | 0.22            |
| 72 | 7200.00       | 0.71           | 356.52             | 7199.43     | 5.53          | -22.09       | 5.53            | 0.19            |
| 73 | 7300.00       | 0.99           | 15.60              | 7299.42     | 6.98          | -21.89       | 6.98            | 0.39            |
| 74 | 7400.00       | 0.80           | 2.30               | 7399.41     | 8.51          | -21.63       | 8.51            | 0.28            |
| 75 | 7500.00       | 0.65           | 24.91              | 7499.40     | 9.72          | -21.36       | 9.72            | 0.32            |
| 76 | 7600.00       | 0.89           | 25.81              | 7599.39     | 10.93         | -20.79       | 10.93           | 0.24            |
| 77 | 7700.00       | 0.89           | 32.02              | 7699.38     | 12.29         | -20.04       | 12.29           | 0.10            |
| 78 | 7800.00       | 1.11           | 30.00              | 7799.36     | 13.79         | -19.14       | 13.79           | 0.22            |
| 79 | 7900.00       | 1.26           | 41.92              | 7899.34     | 15.45         | -17.92       | 15.45           | 0.29            |
| 80 | 8000.00       | 0.86           | 53.10              | 7999.32     | 16.72         | -16.59       | 16.72           | 0.45            |
| 81 | 8100.00       | 1.07           | 58.72              | 8099.31     | 17.65         | -15.19       | 17.65           | 0.23            |
| 82 | 8200.00       | 1.27           | 74.32              | 8199.29     | 18.44         | -13.32       | 18.44           | 0.37            |
| 83 | 8256.00       | 1.22           | 66.36              | 8255.27     | 18.84         | -12.18       | 18.84           | 0.32            |

Closure is 22.4363 Feet on an azimuth of 327.1188