

SCIENTIFIC DRILLING INTERNATIONAL

MIDLAND, TEXAS

MARATHON OIL COMPANY

|                     |   |                        |              |
|---------------------|---|------------------------|--------------|
| Well Name.          | : | LOU WORTHAM #5         | Unit C       |
| Location            | : | LEA COUNTY, NEW MEXICO | 11-22S-37E   |
|                     | : |                        | 660N & 1980W |
| Date Surveyed       | : | 16 MAY 1996            | 30-025-10214 |
| Job Number          | : | 32M0596180             |              |
| Survey Performed By | : | DEE BAILEY             |              |

This survey is correct to the best of my knowledge  
and is supported by actual field data.

.....*G. Moody*..... COMPANY REPRESENTATIVE

# SCIENTIFIC DRILLING INTERNATIONAL

Company : MARATHON OIL COMPANY  
Well Name : LOU WORTHAM #5  
Location : LEA COUNTY, NEW MEXICO

Page 1 of 1  
Date 16 MAY 1996  
Filename : WORTHAM5

No Interpolation

| MD<br>ft | INC<br>deg | DIR<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | D'LEG<br>°/100 |
|----------|------------|------------|-----------|-------------|-------------|----------|----------------|
| 0.0      | 0.00       | N 0.00°E   | 0.00      | 0.00        | 0.00        | 0.00     | 0.0            |
| 1000.0   | 0.13       | N 0.00°E   | 1000.00   | 1.13        | 0.00        | 1.13     | 0.0            |
| 3000.0   | 0.20       | N 0.00°E   | 2999.99   | 6.89        | 0.00        | 6.89     | 0.0            |
| 3475.0   | 0.47       | N 0.00°E   | 3474.98   | 9.67        | 0.00        | 9.67     | 0.1            |
| 3675.0   | 0.35       | N 0.00°E   | 3674.98   | 11.10       | 0.00        | 11.10    | 0.1            |
| 3875.0   | 0.34       | N 0.00°E   | 3874.97   | 12.31       | 0.00        | 12.31    | 0.0            |
| 4075.0   | 0.35       | N 0.00°E   | 4074.97   | 13.51       | 0.00        | 13.51    | 0.0            |
| 4275.0   | 0.02       | N 0.00°E   | 4274.97   | 14.16       | 0.00        | 14.16    | 0.2            |
| 4475.0   | 0.03       | N 0.00°E   | 4474.97   | 14.24       | 0.00        | 14.24    | 0.0            |
| 4675.0   | 0.42       | N 0.00°E   | 4674.97   | 15.03       | 0.00        | 15.03    | 0.2            |
| 4875.0   | 0.77       | N 0.00°E   | 4874.96   | 17.11       | 0.00        | 17.11    | 0.2            |
| 5075.0   | 0.75       | N 0.00°E   | 5074.94   | 19.76       | 0.00        | 19.76    | 0.0            |
| 5275.0   | 0.56       | N 0.00°E   | 5274.92   | 22.05       | 0.00        | 22.05    | 0.1            |
| 5475.0   | 0.58       | N 0.00°E   | 5474.92   | 24.04       | 0.00        | 24.04    | 0.0            |

Origin of Bottom Hole Closure WELLSITE CENTRE  
Bottom Hole Closure 24 ft N 0.00°W

INCLINATION ONLY SURVEY