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Measured Depth (Feet)	Course Length Hundreds of Feet)	Angle of Inclination (Degrees)	Displacement Per Hundred Feet (Sine of Angle X100)	Course Displacement (Feet)	Accumulative Displacement (Feet)
10,738	4.97	3/4°	1.31	6.51	134.16
10,950	2.12	NO PICTURE	0	0	134.16
11,053	1.03	NO PICTURE	0	0	134.16
11,222	1.69	1°	1.75	2.96	137.12
12,457	12.35	1/2°	.87	10.74	147.86

I hereby certify that the information shown on each page of this report is true and complete to the best of my knowledge and belief.

Signed: Charlie Granbery Title: _____ Date: 11-1-85
Charlie Granbery Executive Vice-President
Quarles Drilling Corp.
405-745-3461

In the County of Oklahoma and State of Oklahoma

Subscribed and sworn to before me this 1 day of Nov. 1985.
My Commission Expires 3-25, 1989.

Notary Public

M. J. Shaw

