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APR 10 1978

DEVIATION TABULATION

BLACK RIVER CORPORATION

BRC-MADERA #1

EDDY COUNTY, NEW MEXICO

A. C. E.
SPELLO OFFICE

Location: 860' ENL & 1980' .
FEL of Sec. 29,
T22S, R27E, Eddy
County, New Mexico

<u>Depth</u>	<u>Deviation</u>
170	3/4°
378	1°
487	3/4°
643	1-1/3°
1068	1°
1253	2-1/4°
1373	3-1/4°
1386	3 1/4°
1419	2-3/4°
1449	2-3/4°
1469	2-3/4°
1509	2-1/4°
1670	1-1/4°
1690	3/4°
1781	3/4°
1875	3/4°
2122	1-1/2°
2339	3/4°
2921	3/4°
3228	1/2°
3532	1/2°
3836	3/4°
4172	1/4°
4479	1-1/2°
4780	0°
5081	1/4°
5706	1-3/4°
5832	1-3/4°
6146	2-1/4°
6303	2-1/4°
6621	1-1/4°
6812	1°
7110	1/2°
7427	3/4°
7830	3/4°
8048	3/4°
8359	1-1/4°
8732	3/4°
9043	3/4°
9376	3/4°
9717	1°
9984	1°
10485	1-1/4°

I certify that this Deviation Tabulation was supplied to me by Warton Drilling Company and is a true and correct tabulation of the Totco readings for this well.

ATTEST:

Robert M. Moore Secretary

Ronald D. Sowders
Ronald D. Sowders, Vice President

THE STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me this 11th day of April, 1978, by RONALD D. SOWDERS, Vice President of BLACK RIVER CORPORATION, on behalf of said corporation.

MARIBELLE M. WEAVER, Notary Public
In and for the State of Texas
My Commission Expires May 01, 1980

Maribelle M. Weaver
Notary Public in and for Midland County,
Texas