DEVIATION SURVEYS - LEWIS ET AL #1 Lea County, New Mexico

Deviation (Degrees)	Depth	Date
1/4	363	3/25/77
1/4	866	3/26/77
1/2	1873	3/27/77
1/4	2310	3/27/77
1/2	2813	3/28/77
1	3293	3/28/77
1-1/4	3787	3/29/77
3/4	4008	3/29/77
1/2	4625	3/31/77
1/2	5118	4/4/77
1	5680	4/6/77
3/4	6168	4/7/77
3/4	6778	4/8/77
3/4	7106	4/10/77
1-1/2	7809	4/12/77
1-3/4	8222	4/13/77
1-1/2	8809	4/15/77
2	9080	4/16/77
2-3/4	9500	4/18/77

The above and foregoing tabulation correctly represents the deviation surveys conducted during the drilling operations of our Lewis, et al #1 located in Unit G, 1650' FNL & 1353' FEL of Section 23, T-13S, R-38E, Lea County, New Mexico.

Very truly yours,

J & R Oil Company

Ronald J. Harrell V. President, Secretary

THE STATE OF TEXAS)
COUNTY OF TAYLOR)

Before me, the undersigned authority, a Notary Public in and for said County and State, on this day personally appeared Ronald J. Harrell, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said J & R Oil Company, a corporation, and that he executed the same as the act of the said corporation for the purposes therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the day of May, 1977.

Notary Public in and for Taylor Co., Tx

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CAL CONSERVATION COMM.