

## L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210

October 15, 1993

Phillips Petroleum Company 4001 Penbrook Odessa, TX 79762

> RE: Leah Federal Well No. 1 1980' FSL & 330' FEL Sec. 31, T23S,R31E Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATIION
495'	1 1/2°
705'	1 1/2°
1196'	1/2°
1698'	3/4°
2247'	1/2°
2720'	2°
3240'	2°
3795'	2°
4110'	2°
4622'	1 3/4°
5006'	1 1/2°
5496'	3/4°
5999'	1°
6515'	l°
7043'	1°
7541'	1 °
8070'	1 1/2°

Very truly yours,

C. E. LaRue Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

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The foregoing was acknowledged before me this 15th day of October, 1993.

LIGINIO & SALVIU NOTARY DUBLIC

