



L & M DRILLING, INC. — Oil Weil Drilling Contractors

P. O. BOX 672 / ARTESIA, NEW MEXICO 88210 470

May 31, 1984

Yates Petroleum Corporation 207 South Fourth Street Artesia, NM 88210

> RE: Bluestem ZL Federal #1 1650' FNL & 2310' FEL Sec. 20, T8S, R38E Roosevelt County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
526'	$1/4^{\circ}$
1058'	$\frac{1}{4}^{0}$
1681'	$1/2^{0}$
2295 '	$3'/4^{O}$
2795 '	$3' 4^{\circ}$
3152'	$3'/4^{\circ}$
3765 '	$3'/4^{\circ}$
4352'	$3' 4^{\circ}$
4940 '	' 1 ⁰

Very truly yours,

B. N. Muncy Jr. President

STATE OF NEW MEXICO COUNTY OF EDDY

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Thre foregoing was acknowledged before me this 31st day of May, 1984.

