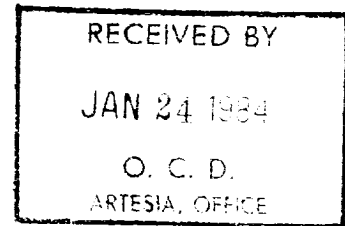


ARTESIA FISHING TOOL COMPANY

XX
470
ARTESIA, NEW MEXICO 88210



November 15, 1983

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

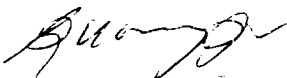
Re: Federal EF #3
330' FNL & 990' FEL
Sec. 31, T17S, R25E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
332'	1/2°
703'	1/2°
1075'	1/2°
1400'	3/4°

Very truly yours,


B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me this 15th day of November, 1983.

