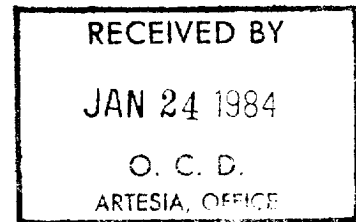


LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX 202
470
ARTESIA, NEW MEXICO 88210

October 26, 1983



Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

Re: Shirley YA Federal #1
660' FNL & 1980' FEL
Sec. 33, T4S, R24E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
925'	1/4°
1424'	1/4°
1921'	1/4°
2421'	1/4°
2913'	1/4°
3412'	1/4°
3625'	1/2°
4129'	1/2°
4832'	1/2°
5225'	1/2°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

Ø
Ø

The foregoing was acknowledged before me this 26th day of October, 1983.

