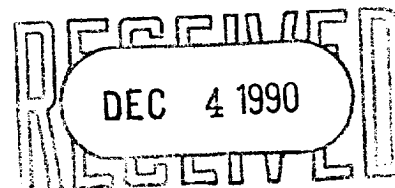


ARTESIA FISHING TOOL COMPANY

P. O. BOX 470 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

December 3, 1990



Yates Petroleum Corporation
 105 South Fourth Street
 Artesia, NM 88210

Re: Sanmal AHQ State #1
 1650' FSL & 330' FEL
 Sec. 2, T17S, R33E
 Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
504'	3/4°
1011'	1/2°
1425'	1/2°
1565'	1°
2057'	3/4°
2588'	1 1/4°
3087'	3/4°
3554'	1°
4054'	1/2°
4616'	1°
5500'	1°

Very truly yours,

A handwritten signature in cursive script, appearing to read "C. E. LaRue".

C. E. LaRue
 President

STATE OF NEW MEXICO §
 COUNTY OF EDDY §

The foregoing was acknowledged before me this
 3rd day of December, 1990.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

 NOTARY PUBLIC

