

ARTESIA FISHING TOOL COMPANY

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

ARTESIA, NEW MEXICO 88210

RECEIVED

MAY 13 1991

O. C. O.
ARTESIA, OFFICE

February 28, 1991

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

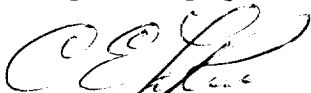
Re: Pathfinder AFT State #13
2310' FNL & 1850' FWL
Sec. 21, T10S, R27E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
427'	1/4°
895'	2°
995'	1 1/2°
1517'	1°
2016'	1 1/2°
2514'	1°
2981'	1/2°
3511'	1 1/4°
4008'	1 1/4°
4508'	1 3/4°
5007'	1 1/2°
5536'	1°
5969'	1 1/4°
6300'	1°
6460'	1 3/4°
6750'	1°

Very truly yours,



C. E. LaRue
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 28th day
of February, 1991.


NOTARY PUBLIC