



PATTERSON DRILLING COMPANY LP
A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701
(915) 682-9401 • Fax (915) 682-1565

December 11, 2000

Manzano Oil Corporation
P. O. Box 2107
Roswell, NM 88202

CONFIDENTIAL

Re: Deviation Report
Neuhaus, Fed 14 #3

*Unit 0, 14-20s-35e
66013 & 1980/E
30-025-35153*

Gentlemen:

The following is a deviation survey on the above-referenced well located in Lea County, New Mexico.

407' - 0.75	6012' - 2.00	10076' - 1.00
903' - 0.75	6106' - 2.00	10510' - 0.75
1411' - 0.75	6169' - 1.50	11014' - 1.50
1918' - 1.00	6294' - 1.50	11514' - 1.00
2089' - 1.25	6450' - 1.00	12015' - 1.50
2550' - 0.75	6959' - 0.50	12508' - 3.50
3056' - 0.75	7202' - 1.25	12667' - 3.50
3530' - 1.00	7701' - 0.75	12770' - 3.50
4295' - 0.25	8014' - 1.25	12887' - 3.75
4757' - 1.25	8507' - 1.25	13013' - 4.00
5013' - 1.25	9005' - 1.25	13106' - 3.75
5511' - 1.25	9505' - 1.25	

Sincerely,

Treva Forrester

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 11th day of December, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

Donna Berk

NOTARY PUBLIC

