



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

December 8, 2000

Trilogy Operating
P. O. Box 7606
Midland, Texas 79708

Re: Deviation Report
Emerald #2

*Ø - 24 - 19s - 38e
400/s & 2310/E
30-025-35179*

Gentlemen:

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

446' - 0.25	3685' - 1.00
896' - 0.25	4129' - 1.50
1376' - 0.25	4573' - 1.25
1685' - 0.75	5012' - 0.50
1953' - 0.75	5454' - 1.00
2206' - 0.25	5896' - 0.25
2455' - 0.75	6345' - 1.00
2707' - 1.00	6805' - 1.00
2959' - 1.00	7245' - 1.75
3244' - 1.00	7687' - 1.75
	7950' - 1.50

Sincerely,

Treva Forrester

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 8th day of December, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

Denise Beck
NOTARY PUBLIC