

PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 N. Loraine Street

Midland, Texas 79701

(915) 682-9401

January 4, 2000

Louis Dreyfus Natural Gas Company
14000 Quail Springs Pkwy., Ste. 600
Oklahoma City, OK 73134

Re: Deviation Report
Toro 22 ~~State Com~~ #1

Unit E 22-19s-35e
2310/N & 660/W
30-025-34710

Gentlemen:

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

239' - 0.50	3588' - 2.00	6964' - 0.75	10579' - 1.00
426' - 1.00	3839' - 2.25	7375' - 0.25	11001' - 1.00
623' - 0.50	4061' - 0.75	7818' - 1.00	11284' - 1.50
959' - 0.75	4283' - 0.75	8353' - 0.75	11630' - 0.50
1276' - 0.50	4569' - 1.00	8716' - 1.00	12292' - 1.50
1750' - 0.50	4855' - 0.25	8977' - 0.75	12734' - 0.50
2257' - 0.50	5391' - 1.00	9428' - 1.50	12900' - 0.50
2733' - 0.75	5772' - 0.75	9649' - 1.25	
3141' - 1.50	6182' - 0.50	9869' - 1.00	
3302' - 1.75	6587' - 0.50	10089' - 0.75	

Sincerely,

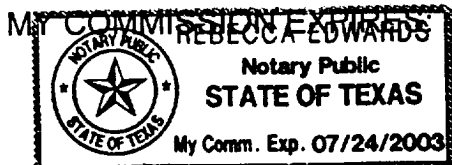
Treva Forrester

Treva Forrester

STATE OF TEXAS)

COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 4th day of January, 2000 by Treva Forrester.



Rebecca Edwards
NOTARY PUBLIC