

Patterson Drilling Company

410 N. Loraine Street -- (915) 682-9401
Midland, Texas 79701

February 19, 1998

Marathon Oil Company
P. O. Box 552
Midland, TX 79702

RE: Deviation Report
Bertha Barber #18

Unit L 1730/s 7 660/w
5-20s-37e 30-025-34205

Gentlemen:

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

255' - 1/2 °	4736' - 4 3/4 °
510' - 1 °	4944' - 2 °
976' - 1 °	4954' - 2 °
1446' - 3/4 °	5103' - 1 1/4 °
1915' - 1/2 °	5607' - 2 °
2486' - 1 1/2 °	6107' - 3 °
2884' - 1 1/4 °	6203' - 3 °
3350' - 3/4 °	6328' - 2 1/2 °
3786' - 1 1/2 °	6422' - 2 1/4 °
4076' - 1 1/2 °	6579' - 1 3/4 °
4424' - 2 3/4 °	7048' - 1 3/4 °
4642' - 2 °	7517' - 1 1/2 °

Sincerely,

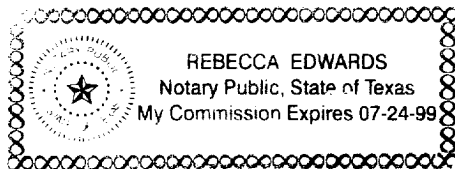
Treva Forrester

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 19th day of February, 1998 by Treva Forrester.

MY COMMISSION EXPIRES:



Rebecca Edwards

NOTARY PUBLIC