



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

April 6, 2001

Elk Oil Company
P. O. Box 310
Roswell, NM 88202

Re: Deviation Report
SE State #4
Sec. 23, T-9-S, R-26-E

Gentlemen:

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

488' - 0.50	3232' - 0.75
733' - 0.75	3727' - 0.75
1035' - 0.75	4154' - 1.00
1281' - 0.50	4688' - 1.00
1402' - 0.75	4859' - 2.00
1495' - 1.00	4934' - 1.25
1744' - 1.00	5427' - 1.25
2239' - 0.75	5925' - 1.00
2736' - 0.75	6373' - 1.25

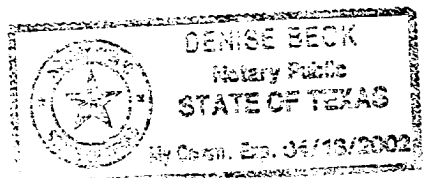
Sincerely,

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 6th day of April, 2001 by Treva Forrester.

MY COMMISSION EXPIRES:


NOTARY PUBLIC