



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

May 24, 2999

Read & Stevens, Inc.
P. O. Box 1518
Roswell, New Mexico 88202-1518

Re: Deviation Report
Quail Federal #7

Gentlemen:

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

401' - 0.25	4166' - 0.25
860' - 0.50	4654' - 1.00
1228' - 0.75	5000' - 0.50
1570' - 1.50	5465' - 0.25
1938' - 1.00	5947' - 0.50
2427' - 0.75	6400' - 0.25
2807' - 0.75	6440' - 0.25
3183' - 1.00	
3676' - 0.50	

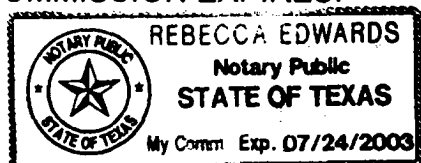
Sincerely,

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 24th day of May, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:



NOTARY PUBLIC

RECEIVED

