

Patterson Drilling Company

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

November 21, 1997

Charles B. Gillespie, Jr.
P. O. Box 8
Midland, TX 79701

Re: Deviation Report
Hodge #1

Unit M 495/S & 495/W

Gentlemen:

30-025-34100

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

395' - 3/4°	7865' - 1 1/2°
807' - 1 °	8426' - 1 °
1305' - 1 °	8926' - 3/4°
1773' - 1 1/2°	9410' - 1/4°
2272' - 1 °	9590' - 1/4°
2650' - 1 3/4°	10,149' - 1/2°
3128' - 1 1/4°	10,481' - 1/2°
3606' - 1 °	10,758' - 1 1/2°
4079' - 1/2°	10,885' - 3/4°
4510' - 1/2°	11,012' - 1 °
4998' - 1/4°	11,298' - 1 1/2°
5470' - 1 °	11,530' - 2 °
5962' - 1 1/4°	11,680' - 1 1/4°
6460' - 3/4°	11,818' - 1 1/4°
6902' - 3/4°	12,050' - 1 1/4°
7376' - 3/4°	

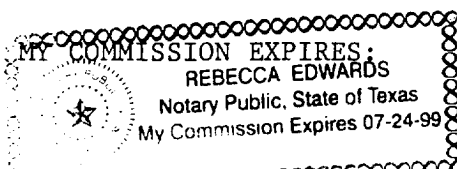
Sincerely,

Treva Forrester

Treva Forrester
Patterson Drilling Company

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 21st day of November by Treva Forrester.



Rebecca Edwards
NOTARY PUBLIC

