



Patterson Drilling Company

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

July 22, 1999

Mr. Dennis Bickford
Apache Corporation
2000 Post Oak Blvd.
Houston, TX 77056

Re: Deviation Report
NEDU #521

Unit J
10-215-37e

1366/s & 2593/e
30-025-34599

Gentlemen:

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

303' - 0.25	3215' - 0.75
600' - 0.25	3713' - 0.75
933' - 0.50	4222' - 1.00
1484' - 0.75	4704' - 1.00
1732' - 0.25	4983' - 1.00
1980' - 1.25	5467' - 1.25
2230' - 1.50	5970' - 0.75
2475' - 1.75	6437' - 0.50
2723' - 1.25	

Sincerely,

Treva Forrester

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 22nd day of July, 1999 by Treva Forrester.

MY COMMISSION EXPIRES:

Rebecca Edwards

NOTARY PUBLIC

