



Patterson Drilling Company

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

June 29, 1999

Apache Corporation
2000 Post Oak Blvd.
Houston, TX 77056

Re: Deviation Report
NEDU #133

Gentlemen:

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

307' - 0.25	3242' - 0.25
615' - 0.25	3736' - 0.50
955' - 0.75	4230' - 0.75
1333' - 0.50	4724' - 1.00
1548' - 0.75	5213' - 0.75
1796' - 0.50	5710' - 0.75
2043' - 0.25	6059' - 1.25
2288' - 1.00	6512' - 1.25
2535' - 1.25	6980' - 2.00
2782' - 0.75	

Sincerely,

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 29th day of June, 1999 by Treva Forrester.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

