



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

November 3, 2000

RECEIVED

NOV 6 2000

KCS Medallion
7130 S. Lewis Ave., Ste. 700
Tulsa, Oklahoma 74136

Re: Deviation Report
Shugart West 19 #9

Gentlemen:

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

255' - 0.50	3317' - 1.75	5733' - 2.00
555' - 0.50	3598' - 2.00	6207' - 2.25
731' - 1.50	3881' - 1.75	6457' - 1.75
1006' - 1.50	4207' - 2.00	6845' - 2.25
1479' - 1.25	4476' - 2.00	7341' - 1.75
1973' - 2.00	4759' - 2.00	7830' - 2.00
2317' - 1.75	5042' - 1.75	8358' - 1.25
2802' - 1.75	5168' - 2.25	
3002' - 2.00	5451' - 2.25	

Sincerely,

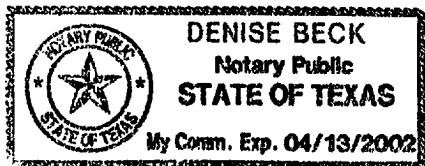
Treva Forrester

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 3rd day of November, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:



Denise Beck
NOTARY PUBLIC