

KEN REYNOLDS—PRESIDENT

GARY W. CHAPPELL—VICE PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

November 21, 1995

Sage Energy Company
P.O. Drawer 3068
Midland, Texas 79702

Re: NVANU "19" #4 194
Sec. 2, T-17-S, R-34-E
Lea County, New Mexico

Unit E
1980/W & 1980/E

Gentlemen:

30-025-33146

The following is a Deviation Survey on the referenced well:

403' - 1/4°	2842' - 1°	4628' - 1/4°	7093' - 1°
903' - 1/4°	3052' - 1 1/4°	5114' - 3/4°	7593' - 1 1/4°
1377' - 1/4°	3543' - 1 1/2°	5612' - 1/2°	8093' - 1 1/4°
1877' - 1/4°	4043' - 1 1/4°	6112' - 3/4°	8590' - 1 1/2°
2342' - 1 1/4°	4543' - 1°	6612' - 1°	8806' - 1 1/2°

Sincerely,

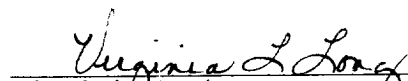

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 21st day of November, 1995 by
Gary W. Chappell.

My Commission Expires

June 19, 1999


Virginia L. Long