

30-025-31819

KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT



DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

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

April 13, 1993

Read & Stevens
P.O. Box 1518
Roswell, N.M. 88202

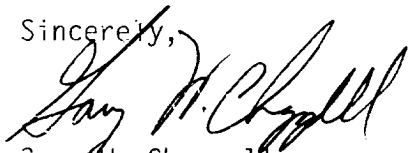
RE: North Lea Federal #9 1800/W # 990/E 10-20-54

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

482' - 1/2°	3126' - 3/4°	4965' - 3/4°
979' - 1/2°	3183' - 1°	5455' - 3/4°
1138' - 1/2°	3670' - 1 1/2°	5516' - 1 1/2°
1626' - 1/2°	4170' - 1 1/4°	5990' - 1 3/4°
2126' - 3/4°	4666' - 1 1/4°	6300' - 1° TD
2626' - 3/4°	4721' - 1 1/4°	

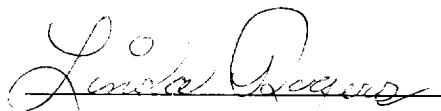
Sincerely,


Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th day of April 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES
October 07, 1996


NOTARY PUBLIC