

**DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS**

KEN REYNOLDS—PRESIDENT  
ARNIE NEWKIRK—VICE-PRESIDENT

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

3D-225-31970

July 07, 1993

Manzano Oil Company  
P.O. Box 2107  
Roswell, N.M. 88202

REF: Neuhaus "14" Federal #2

Unit B

Gentlemen:

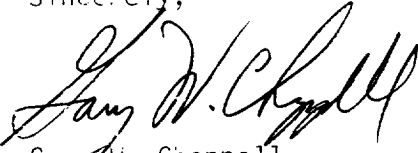
660' N + 1650' E

14-20-35

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

400' - 3/4°	3238' - 1°	6186' - 1 1/4°	9663' - 1 3/4°
880' - 1°	3638' - 1°	6688' - 1°	10,008' - 1/2°
1382' - 1°	3735' - 1 1/2°	7189' - 3/4°	10,508' - 3/4°
1760' - 1/2°	4218' - 1°	7691' - 1 3/4°	10,970' - 1/2°
2168' - 1/2°	4712' - 3/4°	8193' - 1 3/4°	11,418' - 1/2°
2450' - 3/4°	5213' - 1°	8693' - 1 3/4°	11,596' - 1/4° TD
2735' - 3/4°	5682' - 1 1/4°	9165' - 1 3/4°	

Sincerely,

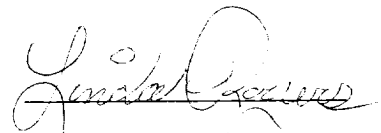
  
Gary W. Chappell  
Contracts manager

STATE OF NEW MEXICO )  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 07th day of July 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

  
NOTARY PUBLIC