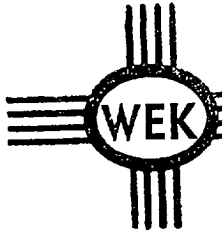


KEN REYNOLDS--PRESIDENT
ARNIE NEWKIRK--VICE-PRESIDENT



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

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

January 29, 1993

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

RE: Xion Federal #2

Gentlemen:

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

364' - 3/4°	4008' - 3/4°	7911' - 1/2°
790' - 1/4°	4509' - 1/2°	8410' - 1/2°
1265' - 1/2°	5007' - 1/4°	8649' - 1°
1760' - 3/4°	5500' - 1/2°	9185' - 1°
2231' - 1°	5974' - 1 1/4°	9693' - 3/4°
2500' - 1°	6415' - 1°	10,000' - 3/4° TD
3005' - 1 1/4°	6916' - 3/4°	
3508' - 1 1/2°	7414' - 1 1/2°	

Sincerely,

Gary W. Chappell
Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 29th day of January 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

[Signature]
NOTARY PUBLIC