

WEK

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT

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

October 1, 1999

Manzano Oil Corporation
P.O. Box 2107
Roswell, New Mexico 88202-2107

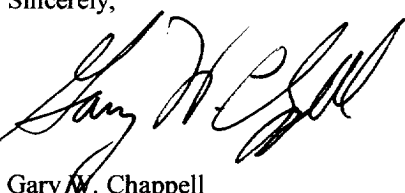
RE: Esperanza #2
Sec. 4, T-22-S, R-27-E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey on the referenced well:

226' - 1/2	1,078' - 3/4°	1,487' - 2 1/2°	2,209' - 2°	3,955' - 2°
400' - 1°	1,204' - 1 1/2°	1,619' - 2°	2,671' - 1 3/4°	4,494' - 2 1/2°
871' - 1 1/2°	1,332' - 2 3/4°	1,712' - 2°	3,211' - 2°	4,953' - 1°
995' - 1°	1,393' - 2 3/4°	1,921' - 2°	3,493' - 2°	5,311' - 1 1/4°

Sincerely,


Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 1st day of October 1999 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000


NOTARY PUBLIC