



LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

January 15, 1986

Manzano Oil Corporation
P. O. Box 571
Roswell, NM 88202

RE: Tonto State #1

Gentlemen:

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

350' - 1 1/4°	4065' - 1 1/2°	8175' - 1 1/4°
845' - 1°	4501' - 1 1/4°	8558' - 2 1/2°
1159' - 1 1/4°	4955' - 1°	9034' - 2°
1650' - 1 1/4°	5450' - 1 1/4°	9534' - 1 3/4°
1888' - 1 1/4°	5948' - 1°	9658' - 2°
2165' - 1 1/2°	6378' - 3/4°	10080' - 1 3/4°
2665' - 1 1/4°	6483' - 3/4°	10368' - 2°
3095' - 1 1/4°	6983' - 3/4°	10625' - 2°
3171' - 1 1/4°	7113' - 1°	10907' - 2°
3373' - 1°	7613' - 1°	11200' - 2° T.D.
3570' - 1 1/4°	8091' - 1°	

Sincerely,

WEK DRILLING CO., INC.

Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 15TH day of January, 1986 by Arnold Newkirk.

MY COMMISSION EXPIRES:

5-4-87

Notary Public