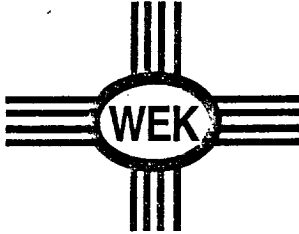


JK

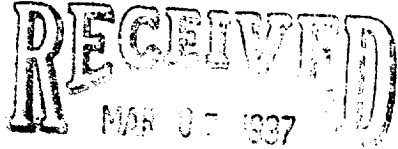
KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT



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

March 6, 1997



Manzano Oil Corporation
P.O. Box 2107
Roswell, New Mexico 788202-2107

OIL CORPORATION

RE: "SV" Sunrise State #1 Unit P 913/S & 382/E
Gentlemen: 15-10s-372 30-D25-33724

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

355' - 1/4°	3477' - 1°	6725' - 1/2°	9,638' - 1/2°
847' - 3/4°	3985' - 3/4°	7225' - 1/2°	10,116' - 1 1/4°
1354' - 1/2°	4250' - 1 1/2°	7402' - 3/4°	10,610' - 1 1/2°
1859' - 3/4°	4750' - 3/4°	7948' - 3/4°	11,111' - 1 1/2°
2249' - 3/4°	5260' - 1 3/4°	8477' - 1°	11,546' - 1 1/2°
2737' - 3/4°	5728' - 1/2°	9009' - 3/4°	11,706' - 1 1/4°
2971' - 1°	6248' - 1/2°	9130' - 3/4°	12,070' - 1 3/4°
			12,104' - 1 3/4°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 6th day of March 1997 by Gary W. Chappell.

MY COMMISSION EXPIRES
JUNE 20, 2000

NOTARY PUBLIC