

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 505/746-2719
ROSWELL, NM ARTESIA, NM

January 20, 2000

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

RE: Sand Springs St. Unit #1
Sec. 35, T-10-S, R-34-E
Lea County, New Mexico

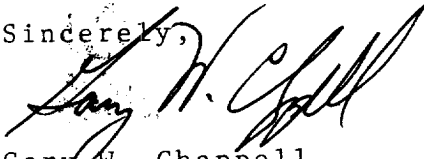
Unit M 330/5 & 330/6
30-025-34777

Gentlemen:

The following is a Deviation Survey on the referenced well:

220' - 1/4°	2,795' - 2 3/4°	3,551' - 2 1/2°	5,760' - 1°
391' - 1/2°	2,891' - 2 1/2°	3,646' - 2 3/4°	6,257' - 1°
675' - 3/4°	2,985' - 2 1/2°	3,740' - 2 3/4°	6,729' - 1 1/2°
1,158' - 3/4°	3,077' - 2 1/2°	3,911' - 2 1/4°	7,236' - 1 1/4°
1,663' - 3/4°	3,171' - 2 1/4°	4,037' - 1 3/4°	7,495' - 3/4°
2,133' - 1/4°	3,267' - 2°	4,353' - 1 1/4°	8,039' - 1°
2,596' - 2 1/2°	3,360' - 2 1/2°	4,795' - 3/4°	8,538' - 1°
2,700' - 2 3/4°	3,455' - 2 3/4°	5,262' - 1°	9,003' - 3/4°
			9,222' - 3/4°

Sincerely,

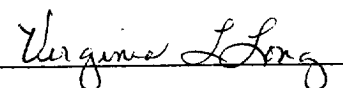

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO]
COUNTY OF CHAVES]

The foregoing was acknowledged before me this 20th day of
January, 2000 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 19, 2003


NOTARY PUBLIC

