



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

July 7, 1997

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

RE: "SV" Killer Bee #1

Unit P
2-165-3be


487/5 & 1270/E
3D-025-33807

Gentlemen:

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

| | | | | |
|--------------|----------------|----------------|-----------------|-----------------|
| 411' - 3/4° | 3271' - 1° | 5731' - 2° | 8265' - 1° | 11000' - 1 1/2° |
| 923' - 3/4° | 3736' - 2 1/2° | 6231' - 1 3/4° | 8898' - 1° | 11462' - 1 3/4° |
| 1420' - 1° | 3861' - 2 1/2° | 6732' - 1 1/2° | 9337' - 1 1/2° | 11751' - 2° |
| 1912' - 3/4° | 4265' - 3° | 6858' - 3/4° | 9841' - 1 3/4° | 11851' - 2° |
| 2417' - 1/4° | 4766' - 1 3/4° | 7357' - 3/4° | 9983' - 1 3/4° | |
| 2775' - 3/4° | 5244' - 2° | 7857' - 1° | 10489' - 1 3/4° | |

Sincerely,

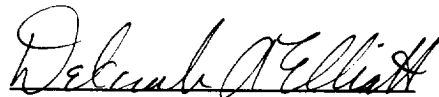

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 7th day of July 1997 by
Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000



NOTARY PUBLIC