



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—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

August 31, 1993

Santa Fe Energy Operating Partners, L.P.
550 W. Texas, Suite 1330
Midland, Texas 79701

MIDLAND
RECEIVED

SEP 01 1993

RE: Sterling Silver "33" Federal #8

Gentlemen:

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

| | | |
|----------------|----------------|----------------|
| 424' - 1° | 3007' - 1° | 5652' - 1 3/4° |
| 582' - 3/4° | 3510' - 1° | 6157' - 1 1/2° |
| 1073' - 1° | 4009' - 2 1/4° | 6654' - 1° |
| 1572' - 1 1/4° | 4175' - 2° | 7158' - 1 1/4° |
| 2070' - 3/4° | 4651' - 2 1/2° | 7660' - 1 1/4° |
| 2520' - 1/4° | 5152' - 3° | 8110' - 1 1/4° |

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 31st day of August 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC