



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 505/746-2719
ROSWELL, NM ARTESIA, NM

March 14, 1994

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

RE: James Ranch Unit #55

Gentlemen:

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

272' - 1/2°	1835' - 2 1/2°	4041' - 1 1/4°	6870' - 1 1/4°
386' - 1 1/2°	2085' - 1 3/4°	4522' - 1 1/4°	7369' - 1 1/4°
576' - 2°	2514' - 1°	4894' - 3/4°	7869' - 3/4°
1079' - 1/2°	2989' - 1 1/2°	5398' - 1/2°	8020' - 3/4° TD
1582' - 3°	3461' - 2°	5897' - 3/4°	
1710' - 3°	3957' - 2 1/2°	6397' - 1°	

Sincerely,

Gary W. Chappell
Contracts Manager

STAT OF NEW MEXICO }
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 14th day of March 1994 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC