



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 29, 1996

Mewbourne Oil Company
P.O. Box 5270
Hobbs, N.M. 88240

RE: Santo Nino "19" Federal #2

Gentlemen:

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

412' - 3/4°	2944' - 2°	4936' - 3°	6203' - 2 1/2°
897' - 1°	3278' - 2°	5062' - 3°	6692' - 2 1/4°
1276' - 1 1/2°	3617' - 2 1/4°	5184' - 3°	7149' - 2 1/4°
1766' - 3/4°	4107' - 2°	5460' - 2 1/2°	7650' - 2°
1968' - 1 1/2°	4602' - 2 1/2°	5578' - 3°	7906' - 1 1/4°
2454' - 1 3/4°	4785' - 3°	5897' - 3°	8350' - 1 3/4°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES }

The foregoing was acknowledged before me this 29th day of January 1996 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC

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