



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

August 26, 1996

Yates Petroleum Company
105 S. 4th Street
Artesia, N.M. 88210

RE: Thyme "APY" Federal #3

Gentlemen:

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

465' - 1/4°	1881' - 1 1/4°	3437' - 1°	4417' - 2 1/4°	4805' - 3°
953' - 3/4°	2194' - 1°	3603' - 1°	4511' - 2 1/2°	5070' - 3/4°
1150' - 1 1/2°	2537' - 1/2°	4096' - 1°	4574' - 2 1/2°	5543' - 1/2°
1650' - 1 3/4°	3037' - 1/4°	4323' - 2 1/4°	4364' - 3 1/2°	6043' - 3/4°
4699' - 3 1/4°	6512' - 1/2°	7012' - 1°	7510' - 3/4°	7990' - 1/4°
				8489' - 1/2°
				9024' - 1 1/2°
				9150' - 1°

Sincerely,


Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 26th day of August 1996 by Gary W. Chappell.

MY COMMISSION EXPIRES

June 20, 2000



NOTARY PUBLIC

