KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT

WEK 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

May 12, 1997

Read & Stevens, Inc.
P.O. Box 1518
Roswell, New Mexico 88202-1518

RE: Quail Federal #4 Unit E 3 - 20s - 34e 2310/N & 990/W
30-025-33884

Gentlemen:

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

398' - 1°	1521' - 3°	3211' - 2 3/4°	5000' - 3/4°	6940' - 3/4°
893' - 1 1/4°	2014' - 2 1/2°	3713' - 1 1/4°	5474' - 1°	7433' - 1°
1271' - 2 1/4°	2491' - 2 1/2°	4151' - 1°	5971' - 1°	7943' - 1°
1334' - 2°	2983' - 3°	4649' - 1°	6471' - 3/4°	8360' - 1°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 12th day of May 1997 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC