

RECEIVED FEB - 2 1999

KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505.523-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

February 1, 2000

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

RE: North Lea Federal #11
Sec. 10, T-20-S, R-34-E
Lea County, New Mexico

Gentlemen:

The following is a Deviation Survey on the referenced well:

214' - 1°	1,422' - 2 3/4°	1,803' - 3 1/2°	3,112' - 1 1/4°	5,000' - 1 3/4°
682' - 1 1/4°	1,485' - 3°	1,989' - 2 3/4°	3,182' - 1 1/2°	5,435' - 3/4°
925' - 1 1/4°	1,547' - 3°	2,114' - 2 1/2°	3,504' - 1°	5,929' - 3/4°
1,136' - 2 1/4°	1,602' - 3°	2,199' - 2°	3,749' - 1 1/2°	6,250' - 1/2°
1,300' - 3°	1,662' - 3 1/2°	2,480' - 1 1/2°	4,003' - 1°	
1,362' - 2 3/4°	1,702' - 3°	2,803' - 1°	4,500' - 1 1/4°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 1st day of February 2000 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC