



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

December 21, 1984

Fred G. Yates Inc.
Sunwest Bank Bldg., Suite 919
Roswell, New Mexico 88201

Fef: South Tomahawk Federal #3

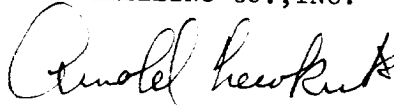
Gentlemen:

The following is a Deviation Survey of the above well located in
Chaves County, New Mexico.

484' - $1/4^{\circ}$	2346' - $1/2^{\circ}$
742' - $1/4^{\circ}$	2759' - $1/2^{\circ}$
1242' - $1/2^{\circ}$	3247' - $1/2^{\circ}$
1741' - $1/2^{\circ}$	3415' - $1/2^{\circ}$
2234' - $1/2^{\circ}$	3903' - $1/2^{\circ}$
	4330' - $1/2^{\circ}$ T.D.

Yours very truly,

WEK DRILLING CO., INC.


Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 21st day
of December, 1984 by Arnold Newkirk.

My Commission Expires:

May 4, 1987


Notary Public