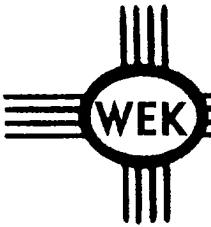


20-025-30839



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—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

June 25, 1990

Heyco, Inc.
P.O. Box 1933
Roswell, N.M. 88202

REF: Mobile "24" Federal #1 1650' & 21' 24-19-30

Gentlemer:

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

406' - 3/4°	4078' - 3/4°	8776' - 2°
906' - 1/2°	4577' - 1°	8874' - 3°
1406' - 3/4°	5049' - 1/2°	8969' - 3 1/4°
1906' - 1/2°	5549' - 3/4°	9125' - 2 1/4°
2406' - 3/4°	6049' - 1/2°	9300' - 1 1/4°
2888' - 1°	6523' - 1/2°	9789' - 1/2°
3234' - 3/4°	7023' - 1/2°	10,267' - 1/2°
3279' - 1/2°	7274' - 1°	10,767' - 1/2°
3467' - 1/2°	7776' - 1 1/4°	10,800' - 1/2° TD
3591' - 3/4°	8276' - 1 1/4°	

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 25th day of June 1990
by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC