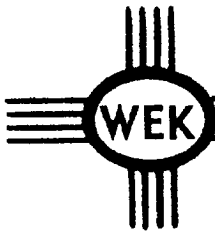


30-025-30951



DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

September 10, 1990

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

REF: Shoot "12" Federal #2 -P 420/2+990/E 12-18-32

Gentlemen:

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

| | | |
|--------------|----------------|---------------------|
| 375' - 3/4° | 3487' - 1° | 7297' - 3 1/4° |
| 824' - 3/4° | 3990' - 3/4° | 7581' - 3° |
| 1072' - 3/4° | 4490' - 1/2° | 7738' - 3° |
| 1512' - 1/2° | 4990' - 3/4° | 7927' - 2 3/4° |
| 2019' - 3/4° | 5490' - 1 1/4° | 8398' - 1 3/4° |
| 2490' - 1° | 5990' - 1 1/4° | 8710' - 2 1/4° |
| 2842' - 3/4° | 6374' - 1° | 9211' - 2° |
| 3336' - 3/2° | 6874' - 1 1/2° | 9600' - 1 3/4° T.D. |
| | 7232' - 3 1/2° | |

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 10th day of September 1990 by Arnold Newkirk.

MY COMMISSION EXPIRES

OCTOBER 07, 1992

NOTARY PUBLIC