



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 ROSWELL, NM
505/746-2719 ARTESIA, NM

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

March 30, 1990

REF: Mesquite "3" Fed #3

Gentlemen:

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

350' - 1°	4726' - 1°	6734' - 3 1/4°	8253' - 1 1/2°
849' - 1°	5224' - 1 3/4°	6923' - 4°	8598' - 1°
1323' - 3/4°	5724' - 2 1/4°	7015' - 4 1/2°	9098' - 2°
1821' - 1°	6086' - 4°	7047' - 4 1/2°	9598' - 1 1/4°
2316' - 1/4°	6166' - 3 3/4°	7188' - 4 3/4°	9900' - 1 1/2°
2798' - 3/4°	6250' - 3 1/2°	7236' - 4 1/2°	10,607' - 1 1/2°
3269' - 1°	6354' - 3 1/2°	7299' - 4 3/4°	10,067' - 1 1/4°
3740' - 1°	6447' - 3 1/4°	7454' - 4°	10,400' - 1 1/4° TD
4240' - 3/4°	6541' - 3 1/4°	7737' - 3°	
4366' - 1/2°	6635' - 3 1/4°	7990' - 2 3/4°	

Sincerely,

Arnold Newkirk
Vice President

STATE OF NEW MEXICO)

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COUNTY OF CHAVES

The foregoing was acknowledged before me this 30th day of March 1990
by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC