



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

March 16, 1989

Mewbourne Oil Company
P.O. Box 5270
Hobbs, N.M. 88241

REF: Federal "M" #1

Gentlemen:

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

450' - 1/4°	3438' - 1°	6098' - 1°
939' - 1°	3815' - 1°	6594' - 1 1/4°
1439' - 1 1/4°	4332' - 1 1/4°	6971' - 1°
1930' - 1 1/2°	4849' - 1°	7440' - 1 1/4°
2454' - 1°	5315' - 1°	7816' - 3/4°
2945' - 1 1/4°	5812' - 1 1/4°	8345' - 3/4°
		8670' - 1/2° TD

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

Sincerely,

Arnold Newkirk

The foregoing was acknowledged before me this 16th day of March 1989
by Arnold Newkirk.

MY COMMISSION EXPIRES

October 7th, 1992

NOTARY PUBLIC