



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**

RECEIVED

JUN 22 '90

**A. C. D.
ARTESIA, OFFICE**

January 16, 1990

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

REF: Federal "Q" #1

Gentlemen:

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

463' - 3/4°	4477' - 3/4°	8838' - 1 1/4°
952' - 1/4°	4956' - 1 1/4°	8992' - 2 1/4°
1444' - 3/4°	5135' - 1°	9578' - x
1941' - 1/2°	5639' - 1 1/2°	10076' - 1°
2330' - 1 1/4°	6136' - 1 3/4°	10305' - 3/4°
2836' - 3/4°	6450' - 1°	10815' - 1/2°
3321' - x	6951' - 1 1/4°	10930' - 1/4° TD
3392' - 1 1/4°	7395' - 1/2°	
3850' - 1 1/4°	7898' - 1°	
3955' - 1 1/4°	8341' - 1°	

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO))
COUNTY OF CHAVES))

The foregoing was acknowledged before me this 16th day of January 1990, by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC