



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

RECEIVED  
JUL 22 1991  
O. C. D.  
ARTESIA, OFFICE

March 12, 1991

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

REF: Federal "Z" #1

Gentlemen:

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

472' - 1/4°	4282' - 1 1/4°	7605' - 1 3/4°
977' - 3/4°	4662' - 1 3/4°	8127' - 1 1/2°
1481' - 3/4°	5177' - 1 3/4°	8702' - 2°
1982' - 1°	5247' - 1 1/2°	9166' - 1 3/4°
2350' - 1/2°	5732' - 3/4°	9530' - 2°
2796' - 1/2°	6257' - 1°	10,002' - 1 3/4°
3290' - 1 1/4°	6752' - 3/4°	10,500' - 1 1/2°
3785' - 1 1/4°	7248' - 1 1/2°	10,730' - 2° TD

Sincerely,

  
Ken Reynolds

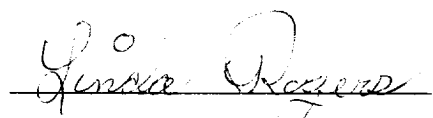
STATE OF NEW MEXICO)

COUNTY OF CHAVES )

The foregoing was acknowledged before me this 12th day of March 1991 by  
Ken Reynolds

MY COMMISSION EXPIRES

October 07, 1992

  
NOTARY PUBLIC