



LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 89201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

September 9, 1987

Mewborne Oil Co.
P.O. Box 5270
Hobbs, New Mexico 88241

Re: Federal E #13 F-27-8 32

Gentlemen:

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

460' -	1/2°	5879' -	1°
830' -	1 1/2°	6383' -	1 1/4°
978' -	1 3/4°	6561' -	1 1/4°
1488' -	1 1/2°	7043' -	1°
1990' -	1 1/4°	7545' -	2 1/2°
2495' -	1°	7639' -	2 3/4°
2998' -	1 1/2°	7765' -	3 1/2°
3527' -	1°	7859' -	3°
3783' -	3/4°	7985' -	2 3/4°
4248' -	1/4°	8010' -	2 1/4°
4749' -	1/2°	8350' -	1 3/4°
4880' -	3/4°	8783' -	1°
5376' -	1°	9020' -	1 1/2° T.D.

Sincerely,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 9th day of September 1987 by Arnold Newkirk.

MY COMMISSION EXPIRES:

4/10/88

Glenda Bea Newton
Notary Public

RECEIVED SEP 11 1987

SHIPPED SEP 11 1987