

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

October 27, 1998

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Western Federal #2
1650' FNL & 2310' FEL
Sec. 30, T17S, R29E
Eddy County, New Mexico

Gentlemen:

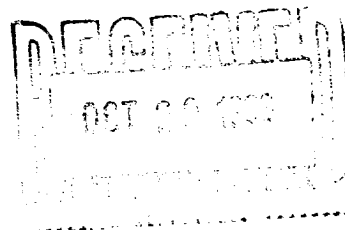
The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
300'	1/2°
600'	1 1/4°
879'	1/4°
1198'	1/4°
1435'	1°
1806'	1°
2402'	2°
2807'	2°
3110'	2°
3606'	1 3/4°
4107'	1 1/2°
2614'	2°
5171'	2°

Very truly yours,

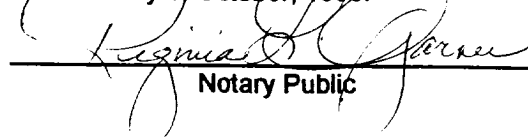


Eddie C. LaRue
Vice President



STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 27th day of October, 1998.


Notary Public

Aug. 30, 2000

RECEIVED
DEC 23 98
BLM
NORWELL, MA