

L & M DRILLING, INC.

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

July 9, 1998

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

RE: McIntyre A Federal #13
1650' FSL & 2310' FEL
Sec. 20, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
448'	1°
718'	1°
1054'	1 1/2°
1345'	1°
1804'	1 1/4°
2524'	1 1/4°
3000'	1 1/2°
3500'	1 1/4°
4001'	1 1/4°
4497'	1 1/2°
4935'	1 3/4°

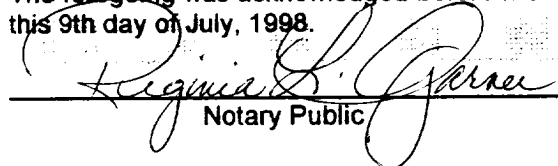
Very truly yours,



Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 9th day of July, 1998.


Notary Public

