

# L & M DRILLING, INC.

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

February 29, 2000

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

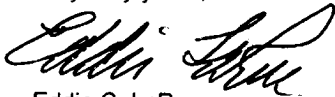
RE: Birch Federal #1  
2185' FNL & 1650' FEL  
Sec. 25, T17S, R27E  
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
323'	1/4°
826'	1/4°
1325'	3/4°
1819'	1/4°
2345'	3/4°
2810'	3/4°
3305'	1/4°
3800'	1/4°
4298'	1/4°
4789'	1/2°
5316'	0°
5813'	3/4°
6342'	3/4°
6802'	3/4°
7299'	1°
7800'	3/4°

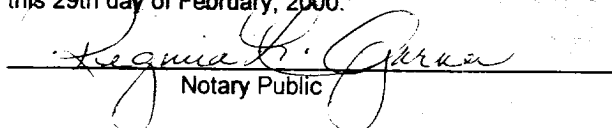
Very truly yours,

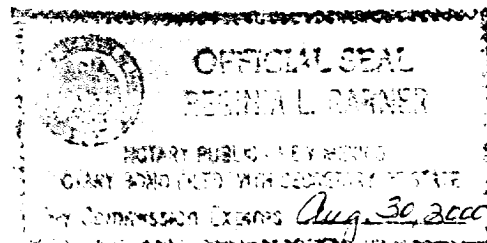


Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 29th day of February, 2000.

  
Notary Public



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U.S. DEPARTMENT OF  
ENERGY