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

January 13, 2000

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

RE:

Berry A Federal #12 990' FNL & 1790' FWL Sec. 21, T17S, R30E Eddy County, New Mexico

Gentlemen:

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

| DEPTH | DEVIATION |
|-------|---------------|
| 452' | 1 1/4° |
| 942' | 1/ 4 ° |
| 1534 | 3/4° |
| 2031' | 1 1/2° |
| 2525' | 2 1/2° |
| 2610' | 2 1/2° |
| 3051' | 2 1/4° |
| 3554' | 1 3/4° |
| 4050' | 2 ° |
| 4548' | 2 1/4° |
| 4840' | 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 13th day of January, 2000. Erner NUA Notary Public wooleway and the second OFFICIAL SEAL REGINIA L. GARNER PROTARY FLIGLIC - NEW MEXICO WAY BOND FLED WITH SECTETARY OF STATE his Commission Expires Licu

00-01-01 SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978

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