L & M DRILLING, ING.

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

June 3, 2003

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

RE:

BC Federal #8

Unit 10

990' FNL & 990' FWL

30-025-36194

Sec. 20, T17S, R32E

Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
249'	1/4°	3122'	1°
607'	1°	3588'	1°
727'	1°	3710'	1°
945'	1°	4145'	1°
1224'	1/2°	4642'	1 3/4°
1410'	1/ 4 °	5135'	1 1/2°
1597'	3/4°	5594'	3/4°
1844'	1°	6090'	1 3/4°
2100'	1°	6598'	1 1/2°
2595'	1/4°	6608'	1 1/2°

Very truly yours,

Eddie C. LaRue Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

The foregoing was acknowledged before me

this 3rd day of June, 2003.

Notary Public





OFFICIAL SEAL REGINIA L GARNER

HOTHERY PRINCE - HEFE MEXICO