

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

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

RECEIVED

March 25, 2004

MAR 26 2004

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

RE: Panther Federal #4
2310' FSL & 2310' FWL
Sec. 31, T17S, R32E
Lea County, New Mexico

Unit K
30-025-36325

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION
366'	1°	2084'	1°	3541'	3 3/4°
538'	2 1/4°	2232'	1 1/4°	3635'	4 1/2°
719'	2 1/4°	2383'	1 1/2°	3761'	4°
805'	2 3/4°	2507'	1 1/2°	3824'	4 1/2°
904'	2 3/4°	2723'	2°	3886'	4 1/2°
966'	2 1/2°	2817'	2°	3949'	4°
1089'	2°	2911'	2°	4041'	4°
1246'	1 1/2°	3098'	2 3/4°	4143'	3 3/4°
1402'	1 1/4°	3190'	2 1/4°	4255'	4°
1548'	1°	3324'	3 1/4°	4319'	3 3/4°
1714'	1°	3386'	3 3/4°	4443'	4°
1840'	3/4°	3458'	3 1/4°	4855'	3 1/2°
1993'	1°				

Very truly yours,

Eddie C. LaRue

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 25th day of March, 2004.

Regina L. Garner
Notary Public

