

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370

ARTESIA, NEW MEXICO 88211-1370

(505) 746-4405 746-3518 748-2205

January 20, 2005

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

RE: G C Federal #5  
2210' FSL & 330' FWL  
Sec. 19, T19S, R32E  
Lea County, New Mexico


Unit L  
30-025-36999

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
662'	3/4°	4111'	1 1/4°
934'	1/4°	4390'	1°
1243'	1/2°	4702'	1°
1550'	1/2°	5016'	1 1/4°
1856'	1 1/2°	5667'	1 3/4°
2272'	1°	5977'	1 1/2°
2590'	1 1/4°	6285'	1 1/4°
2903'	3/4°	6600'	1 1/2°
3181'	1/2°	6912'	3/4°
3491'	1 1/4°	7220'	1°
3803'	1°		

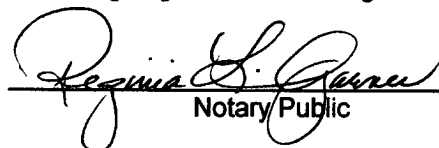
Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

JAN 21 2005

The foregoing was acknowledged before me this 20<sup>th</sup> day of January, 2005.

  
Notary Public

