

# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors  
PO Box 1370      Artesia, NM 88211-1370  
505/746-6651      746-3518      fax 748-2205

February 25, 2002

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

RE: G C Federal #1  
2225' FSL & 2406' FEL  
Sec. 19, T17S, R32E  
~~Eddy~~ County, New Mexico  
lea

Unit J  
30-025-35814

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
320'	3/4°	3451'	3/4°
664'	1°	3900'	1°
947'	3/4°	4345'	3/4°
1254'	1°	4844'	3/4°
1570'	1 1/4°	5338'	3/4°
1885'	1 1/2°	5776'	3/4°
2130'	1 3/4°	6212'	1°
2519'	1 1/2°	6617'	1°
2828'	1/2°	7085'	1/2°
3140'	3/4°		

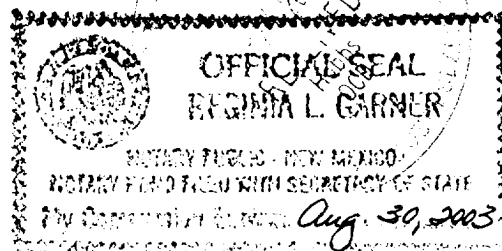
Very truly yours,

Eddie C. LaRue  
Vice President

FEB 26 2002

STATE OF NEW MEXICO  
COUNTY OF EDDY

The foregoing was acknowledged before me  
this 25th day of February, 2002.

  
Notary Public

02\_1119

Serving Southeast New Mexico and West Texas Since 1974