



# Artesia Fishing Tool Co., Inc.

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

April 16, 2004

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

RECEIVED

APR 19 2004

RE: Fox Federal #5  
2510' FNL & 1650' FWL  
Sec. 31, T17S, R32E  
Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION
274'	1/4°	1926'	1/2°	3108'	1 3/4°
537'	3/4°	2018'	1/4°	3447'	3 1/2°
629'	1/4°	2235'	1/4°	3539'	3 1/4°
752'	1/4°	2297'	3/4°	3658'	3 1/2°
969'	1/4°	2424'	3/4°	3853'	3 1/2°
1214'	3/4°	2644'	1°	4009'	3°
1493'	1/2°	2969'	1°	4320'	4 1/4°
1679'	3/4°	3355'	2 3/4°	4865'	4 3/4°
		3013'	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 16<sup>th</sup> day of April, 2004.

  
Notary Public

04-1278

Serving Southeast New Mexico and West Texas Since 1974

KZ