



Artesia Fishing Tool Co., Inc.

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

July 18, 2000

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

RE: State S-19 #11
 330' FSL & 330' FEL
 Sec. 19, T17S, R29E
 Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
380'	1°
1000'	1°
1506'	1°
2003'	1°
2530'	3/4°
3024'	3/4°
3548'	1°
4220'	1°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 18th day of July, 2000.

Notary Public

00_1008

Serving Southeast New Mexico and West Texas Since 1974



4