



Artesia Fishing Tool Co., Inc.

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

August 22, 2002

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

RE: Woolley Federal #10
990' FSL & 2260' FWL
Sec. 21, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
454'	3/4°	2785'	1 3/4°
702'	1 1/4°	3272'	1 1/4°
1250'	2°	3738'	1 1/4°
1496'	1 1/4°	4232'	1 1/2°
1743'	1 1/4°	4611'	1 3/4°
2216'	1 1/2°	5050'	2°

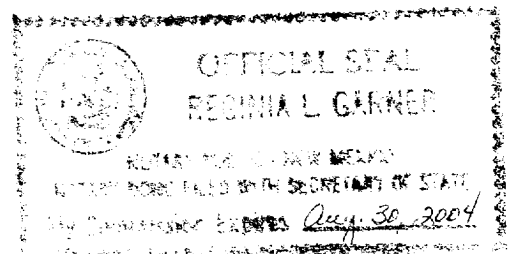
Very truly yours,

C. E. LaRue
President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 22nd day of August, 2002.

Notary Public



02-1166

Serving Southeast New Mexico and West Texas Since 1974