

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 12, 2002

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

RE: Antelope State #4
1650' FSL & 990' FWL
Sec. 36, T17S, R31E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
369'	3/4°	3125'	2°
807'	1 1/4°	3468'	3 1/4°
1305'	1°	3939'	3 1/4°
1740'	3/4°	4470'	3 1/4°
2178'	1 1/4°	4713'	3°
2671'	1 3/4°	5055'	3°

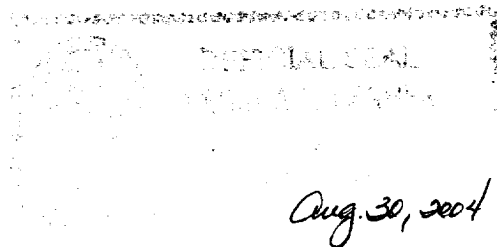
Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

FEB 13 2002

The foregoing was acknowledged before me
this 12th day of February, 2002.

Notary Public

02_1112

Serving Southeast New Mexico and West Texas Since 1974