



Artesia Fishing Tool Co., Inc.

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

January 28, 1998

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

RE: Juniper State #1
890' FSL & 990' FWL
Sec. 16, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
672'	1/2	2589'	1/2
944'	1 1/2	3044'	3/4
1098	1 3/4	3470'	3/4
1341'	1	4059'	3/4
1836'	1/4	4525'	3/4
2330'	1/4	4770'	1

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 28th day of January, 1998.

Notary Public