

Artesia Fishing Tool Co., Inc.

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

May 8, 2000

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

RE: Harper State #2
990' FSL & 990' FEL
Sec. 16, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

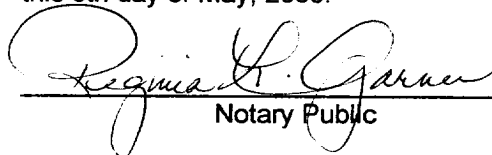
DEPTH	DEVIATION
482'	1°
896'	1°
1607'	3/4°
2131'	1°
2320'	2°
2624'	3/4°
2992'	1°
3608'	1°
4133'	1°
4875'	1 1/4°

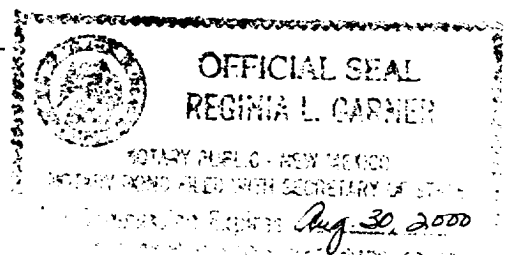
Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 8th day of May, 2000.


Notary Public



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Serving Southeast New Mexico and West Texas Since 1974