

Artesia Fishing Tool Co., Inc.

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

October 31, 2000

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

RE: Imperial State #4
2185' FSL & 2310' FEL
Sec. 16, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
238'	1/4°
453'	3/4°
694'	1 1/4°
941'	1°
1176'	1 1/4°
1409'	1 1/4°
1689'	1°
2001'	1°
2492'	1 1/4°
2997'	3/4°
3485'	3/4°
3818'	1°
4469'	1°
4885'	3/4°

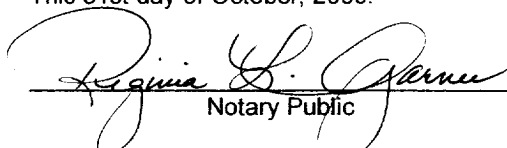


Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
This 31st day of October, 2000.


Notary Public

Aug. 30, 2004

00_1027

Serving Southeast New Mexico and West Texas Since 1974