



# Artesia Fishing Tool Co., Inc.

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

December 19, 2000

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

RE: Pawnee State #1  
2185' FNL & 1600' FEL  
Sec. 16, T17S, R30E  
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
247'	1/2°
386'	1/2°
752'	3/4°
1000'	1°
1237'	1 1/4°
1492'	1/2°
1741'	1/4°
1995'	1/2°
2483'	3/4°
2985'	1/4°
3467'	1°
3972'	1 1/4°
4495'	1°
4850'	1°

Very truly yours,

Eddie C LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
This 19th day of December, 2000.

  
Notary Public

Aug. 30, 2004

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*Serving Southeast New Mexico and West Texas Since 1974*