

# Artesia Fishing Tool Co., Inc.

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

July 18, 2001

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

RE: Electra Federal #4  
1650' FNL & 330' FWL  
Sec. 15, T17S, R30E  
Eddy County, New Mexico

Gentlemen:

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

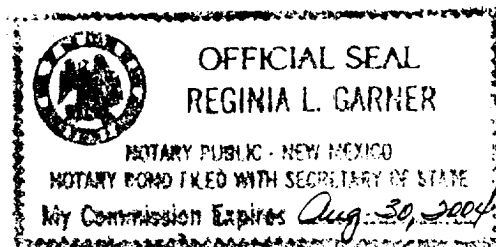
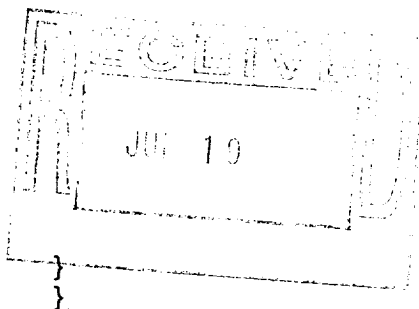
DEPTH	DEVIATION
439'	3/4°
935'	1°
1252'	1 1/4°
1714'	1/2°
2211'	3/4°
2600'	1°
3108'	1 1/4°
3600'	1 1/4°
4098'	1 1/4°
4596'	1 1/4°
4947'	1°

Very truly yours,

Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO  
COUNTY OF EDDY

The foregoing was acknowledged before me  
this 18th day of July, 2001.

  
Notary Public

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*Serving Southeast New Mexico and West Texas Since 1974*

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BUREAU OF LAND MGMT  
RONNELL OFFICE