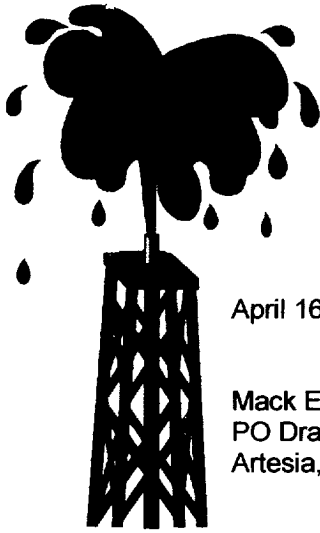




Artesia Fishing Tool Co., Inc.

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

April 16, 2001

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

RE: State S 19 #17
2250' FSL & 1233' FWL
Sec. 19, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

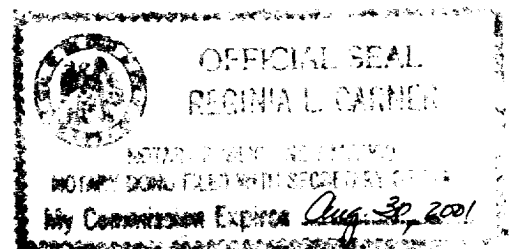
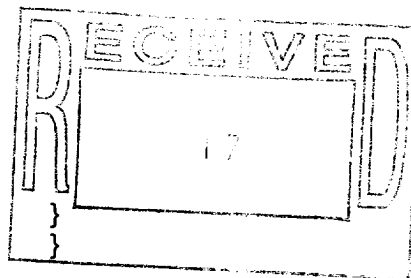
DEPTH	DEVIATION
414'	3/4°
913'	3/4°
1409'	1°
1908'	1°
2400'	1°
2901'	1 1/2°
3428'	1°
3927'	1°
4033'	1/2°
4239'	1°
4245'	1°

Very truly yours,

C. E. LaRue
President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 16th day of April, 2001.

Notary Public

01_1055

Serving Southeast New Mexico and West Texas Since 1974

