



Artesia Fishing Tool Co., Inc.

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

June 6, 2002

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

RE: State S 19 #22
1650' FSL & 840' FEL
Sec. 19, T17S, R29E
Eddy County, New Mexico

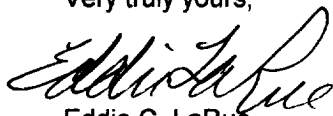
Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
342'	1/2°	2286'	1/2°
659'	3/4°	2515'	1/2°
822'	1/2°	2908'	1 1/2°
1158'	1°	3345'	1 1/2°
1473'	1 1/4°	3781'	1/2°
1786'	1/2°	4151'	1/2°
2033'	3/4°	4430'	1°

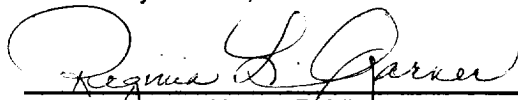


Very truly yours,


Eddie C. LaRue
Vice President

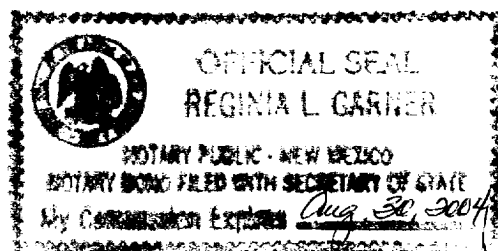
STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 6th day of June, 2002.



Notary Public

JUN 10 2002



02-1143

Serving Southeast New Mexico and West Texas Since 1974