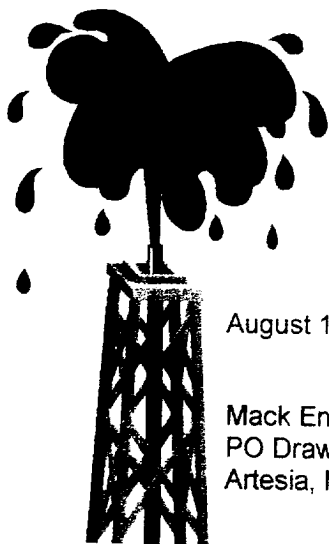




Artesia Fishing Tool Co., Inc.

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

August 12, 2002

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

RE: State DS #8
330' FSL & 2310' FWL
Sec. 24, T17S, R36E
Lea County, New Mexico

Gentlemen:

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

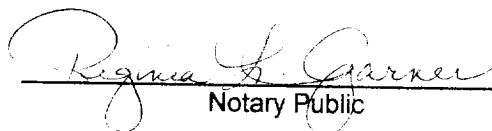
DEPTH	DEVIATION	DEPTH	DEVIATION
425'	3/4°	4506'	1 1/2°
760'	1°	4859'	1 1/2°
1122'	3/4°	5236'	2°
1436'	1 1/4°	5538'	2 1/4°
1861'	1 1/2°	5783'	2 1/4°
2297'	2°	6034'	2°
2740'	1 1/4°	6165'	2 1/4°
3163'	1/4°	6491'	2°
3610'	1°	6804'	2°
4045'	1°	7344'	2°

Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 12th day of August, 2002.


Notary Public



02-1162

Serving Southeast New Mexico and West Texas Since 1974

