

Artesia Fishing Tool Co., Inc.

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

January 17, 2003

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

30-025-35989

RE: MC Federal #8
330' FNL & 330' FWL
Sec. 22, T17S, R32E
Eddy County, New Mexico

Gentlemen:

Lea

The following is a Deviation Survey for the above captioned well

DEPTH	DEVIATION	DEPTH	DEVIATION
330'	3/4°	4163'	1 1/2°
492'	1/4°	4627'	3/4°
804'	3/4°	5040'	1°
1081'	1°	5543'	1 1/2°
1553'	3/4°	5992'	2°
2360'	2°	6487'	1 3/4°
2823'	1°	6650'	2°
3259'	1 3/4°	6927'	1 3/4°
3691'	2°		

Very truly yours,

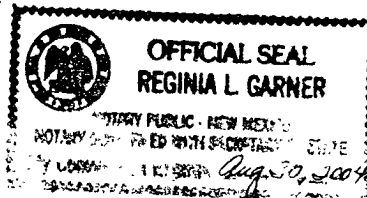
Eddie C. LaRue

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 17th day of January, 2002.

Regina L. Garner
Notary Public



02-1196

Serving Southeast New Mexico and West Texas Since 1974