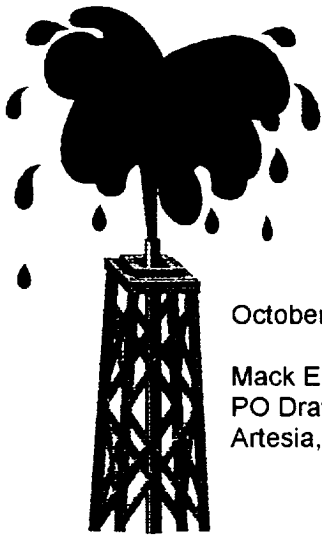




Artesia Fishing Tool Co., Inc.

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

October 8, 1999

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

RE: Melrose Federal #2
1650' FNL & 330' FEL
Sec. 23, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
478'	2°
720'	1 1/2°
855'	1 1/2°
1228'	1°
1486'	3/4°
1875'	1°
2380'	1 1/4°
2621'	1 1/2°
3002'	2°
3250'	2°
3455'	2°
3779'	1/2°
4111'	1 1/4°
4494'	1 1/4°
4641'	3/4°
5076'	1°
5177'	1/4°

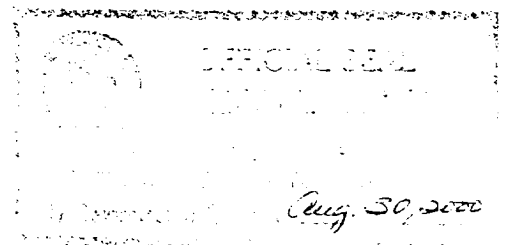
Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 8th day of October, 1999.

99_966



Serving Southeast New Mexico and West Texas Since 1974