



Artesia Fishing Tool Co., Inc.

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

November 15, 1999

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

RE: B C Federal #1
330' FNL & 1575' FWL
Sec. 20, T17S, R32E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
520'	1 1/2°
987'	3/4°
1480'	1 1/2°
1972'	2°
2132'	2 3/4°
2375'	1 1/2°
2631'	1/2°
3127'	1/4°
3623'	1/2°
4116'	1/2°
4613'	3/4°
5213'	3/4°
5731'	3/4°
5900'	3/4°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 15th day of November, 1999.

Notary Public



NOV 22 1999
11:00 AM

RECEIVED
DEC 22 1999