



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 30, 2001

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

RE: Berry A Federal #13
2285' FNL & 990' FWL
Sec. 21, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
272'	3/4°	3630'	2°
432'	1°	3898'	2°
736'	3/4°	4148'	2°
1220'	1/2°	4435'	2°
1556'	3/4°	4676'	2°
1856'	1°	4962'	2°
2106'	1 1/2°	5415'	2°
2414'	1 3/4°	5880'	2°
2701'	2°	6348'	2°
2826'	2°	6788'	2°
3064'	2°	6989'	2 1/2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 30th day of August, 2001.

Notary Public

Aug. 30, 2001

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ROSENTHAL OFFICE