



Artesia Fishing Tool Co., Inc.

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

March 8, 2002

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

RE: White Star Federal #19
2240' FNL & 930' FEL
Sec. 29, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
339'	3/4°	2443'	1°
960'	3/4°	2947'	1 1/4°
1494'	1°	3473'	1 1/2°
1618'	1 3/4°	4062'	1 1/2°
1985'	1 1/4°	4515'	1 1/2°

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 March, 2002.

Notary Public

(Aug. 30, 2004)

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