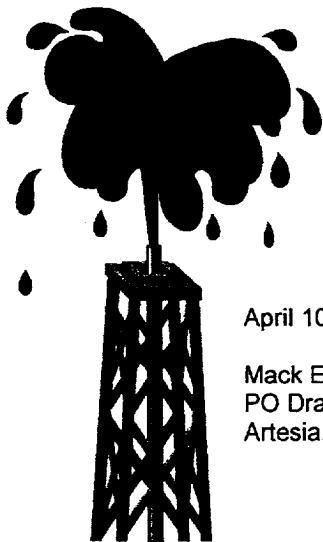




Artesia Fishing Tool Co., Inc.

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

April 10, 2000

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

RE: Brigham H Federal #4
1702' FSL & 921' FWL
Sec. 21, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

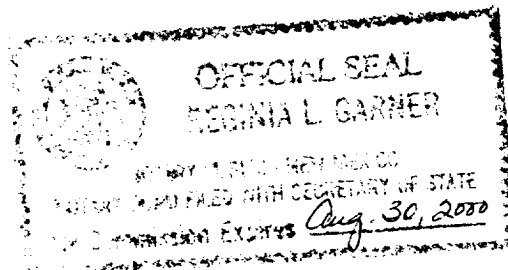
DEPTH	DEVIATION
216'	1/4°
415'	12°
492'	3/4°
758'	1 3/4°
1004'	1°
1198'	1/4°
1446'	1/4°
1700'	1°
1971'	1 1/2°
2249'	1 3/4°
2475'	1 3/4°
2750'	2°
3000'	1 3/4°
3483'	2 1/4°
3762'	2°
4258'	2°
4800'	1 3/4°
5104'	1 1/2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 10th day of April, 2000.

Notary Public

00_990

Serving Southeast New Mexico and West Texas Since 1974