



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

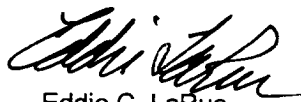
RE: Navaho Federal #1
1650' FSL & 330' FEL
Sec. 30, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

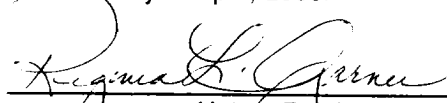
DEPTH	DEVIATION
340'	1°
634'	1 1/4°
960'	1 1/4°
1275'	1 1/4°
1832'	2 1/4°
2327'	2 1/4°
2732'	2 1/4°
3225'	2 1/4°
3663'	2 1/4°
4035'	2 1/2°
4784'	3 1/4°
5027'	3°
5660'	3 1/2°

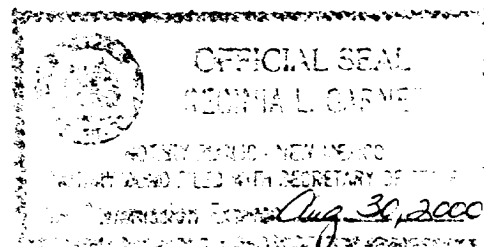
Very truly yours,


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



BUREAU OF LAND MANAGEMENT
ROSWELL OFFICE

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RECEIVED