



Artesia Fishing Tool Co., Inc.

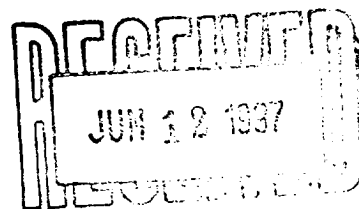
Oil Well Drilling Contractors

PO Box 1370
505/746-6651

Artesia, NM 88211-1370
746-3518 fax 748-2205

June 11, 1997

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



RE: McIntyre C Federal #5
1650' FNL & 330' FEL
Sec. 20, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
465'	1/4
816'	1 3/4
1155'	2 1/2
1308'	2 1/4
1532'	1 1/2
1743'	1 1/4
2237'	2
2672'	2
3203'	1 1/2
3695'	1 1/2
4193'	2 1/2
4792'	2 1/4

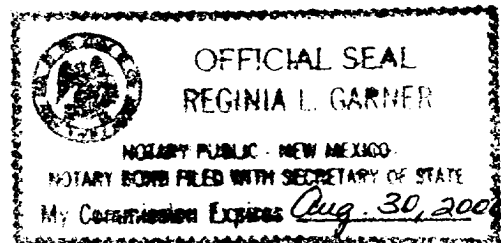
Very truly yours,

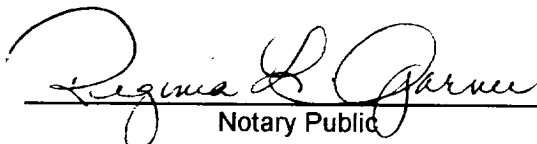


Leroy Curry
Drilling Superintendent

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 11th day of June, 1997.




Notary Public

Serving Southeast New Mexico and West Texas Since 1974