

Artesia Fishing Tool Co., Inc.

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

September 13, 1999

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

RE: McIntyre DK Fed #12-Y
990' FSL & 315' FEL
Sec. 17, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
429'	1°
650'	1/4°
810'	1/2°
1124'	1/2°
1346'	1°
1592	1/4°
1913	1/4°
2401'	3/4°
2753'	3/4°
3000'	1°
3500'	1°
4000'	1 1/4°
4554'	1 1/4°
4743'	1°

Very truly yours,

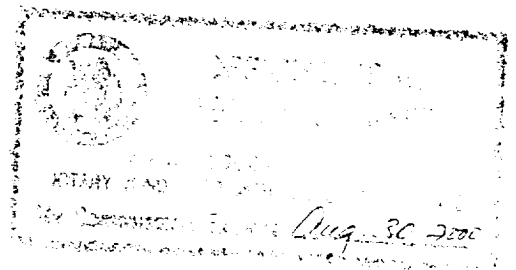
Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 13th day of September, 1999.

Notary Public

99_961



Serving Southeast New Mexico and West Texas Since 1974

RECEIVED
OCT 28 1999
RUSSELL, ALAN
PLM