



Key Energy Services, Inc.

Four Corners Division
P.O. Box 900
5651 US Highway 64
Farmington, NM 87499

Phone: 505-327-4935
Fax: 505-327-4962

July 22, 2003

Rig #44

Black Hills
PO Box 249
Bloomfield, NM 87413

30-039-27801

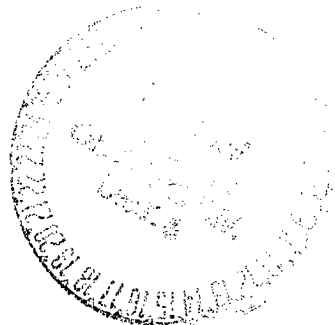
This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 460-15 #13 well in S15-T30N-R3W in Rio Arriba County, New Mexico.

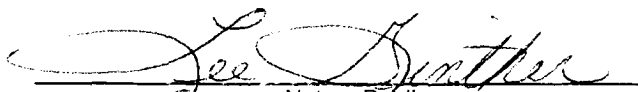
Depth	Deviation	Depth	Deviation
250'	1°	1777'	1¾°
751'	½°	2774'	1½°
1287'	¾°	3361'	1°
		3892'	1°

To the best of my knowledge, I swear this information to be true.

Sincerely,


Gary Miller
Drilling Manager




Notary Public

My commission expires:

February 24, 2005