



UNLOCK YOUR POTENTIAL

Key Energy Services, Inc.

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

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

July 20, 2004

Rig #44

Black Hills
PO Box 249
Bloomfield, NM 87413

30-039-27799

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 451-9 #11 well in S9-T29N-R3W in Rio Arriba County, New Mexico.

Depth	Deviation	Depth	Deviation
240'	1°	2343'	2¾°
814'	1¼°	2841'	2¾°
1313'	2°	3336'	1¼°
1845'	2¾°		

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

Sincerely,

Gary Miller
Gary Miller
District Drilling Manager



Guannett M. Lunge
Notary Public

My commission expires:

6-26-06

