



UNLOCK YOUR POTENTIAL

File
Christy
NM
6-16-04

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

May 11, 2003

Rig #44

Black Hills
PO Box 249
Bloomfield, NM 87413



30-037-25904

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 460-15 #44 well in S25-T30N-R3W in Rio Arriba County, New Mexico.

vertical

Depth	Deviation	Direction
4075'	98.2	277
4138'	98	277.9
4766'	90.3	287.9
4797'	89.3	287.6
4829'	90	287.3
5111'	89	284.5

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

Sincerely

Gary Miller
Gary Miller
District Drilling Manager

Christina Allen
Notary Public

My commission expires:

Dec 22, 2007

