



**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

20-Oct-04

Rig #44

Black Hills  
PO Box 249  
Bloomfield, NM 87413

30-039-25906

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 45717 #11 well in S17-T30N-R3W in Rio Arriba County, New Mexico.

Depth	Deviation	Depth	Deviation
5801'	92.7	6335'	93.5
5863'	92	6399'	93.7
5989'	90	6420'	94.4
6241'	92.6	6452'	94.7



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

Sincerely,

  
Gary Miller  
District Drilling Manager

  
Dawnelle C. Long  
Notary Public

My commission expires:

11-3-2005

