



**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

OCTOBER 20, 2004

Rig #44

Black Hills  
PO Box 249  
Bloomfield, NM 87413

30-039-27848

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 461-24 #8 well in S24-T30N-R3W in Rio Arriba County, New Mexico.

Depth	Deviation	Depth	Deviation
244'	1/2°	3246'	1°
755'	1/2°	3835'	1°
1253'	3/4°		
2253'	1 1/4°		



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

Sincerely,

Gary Miller  
District Drilling Manager

\_\_\_\_\_  
Notary Public

My commission expires:

11-3-2005

