



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

April 28, 2003

Rig #43

30-045-31342

Cordillera
5802 Hwy 64
Farmington, NM 87401

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your
Pan Am State Com #1B well in S36-T32N-R13W in San Juan County, New Mexico.

Depth	Deviation	Depth	Deviation
129'	0°	3060'	1°
587'	1°	3650'	2°
1500'	1°	3990'	1°
2166'	1°	4233'	1°
2749'	2°	4549'	1°
		4890'	1°

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

Sincerely,

Gary Miller
District Drilling Manager

Notary Public

My commission expires: 6/26/06

