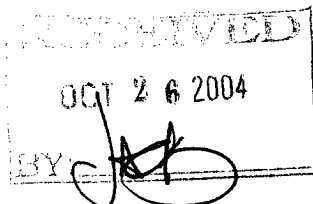


**Key Energy Services, Inc.**

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

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



31-Aug-04

Rig #44

Black Hills
PO Box 249
Bloomfield, NM 87413

30-039-25779

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 457-3#3 well in S 3-T30N-R3W in Rio Arriba County, New Mexico.

Depth	Deviation	Direction	Depth	Deviation	Direction
3760'	35.6	100.6	4726'	90.3	109.9
3939'	103.2	94.3	4788'	91	108.4
4002'	103.2	96.4	4874'	90.4	107.4
4652'	95.9	105.3	4906'	90.1	107.8
4684'	95.4	105.3	4937'	89.6	107.1
4936'	90.3	108.4	5040'	88.7	107.8
4999'	89.7	109.9	5072'	89	108.1
3964'	92.4	98.3	5227'	87.8	107.8
3995'	105.4	99.7	5258'	89.4	107.8
4067'	108.2	102.2	5290'	89	107.8
4129'	109.7		5384'	92	107.1
4192'	106.4		5479'	91	107.4
4183'	106.4	104.2	5510'	91.7	106.7
4215'	104.5	106	5542'	91.1	107.4
4317'	101.9	107.8	5699'	104.2	91.7
4348'	100.1	108.8	5763'	103.5	92.2
4465'	93.3	112	5921'	102.5	93.1



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

Sincerely,

Gary Miller
District Drilling Manager

Notary Public

My commission expires:

11-3-2005

