



Key Energy Services, Inc.

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

Phone: 505-327-4935
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31-Aug-04

Rig #44

Black Hills
PO Box 249
Bloomfield, NM 87413

30-039-25781

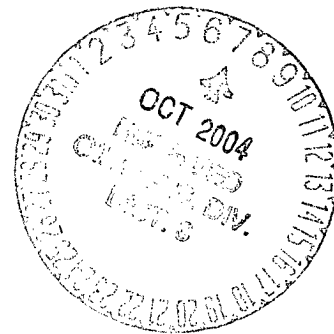
This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Jicarilla 458-5 #2 well in S5-T30N-R3W in Rio Arriba County, New Mexico.

Depth	Deviation	Direction	Depth	Deviation	Direction
3828'	35.4	102.4	4951'	90.4	106.7
3859'	51.3	106.5	5039'	92	106.1
3890'	67.1	111.3	5517'	91.3	108.8
4035'	102.2	108.3	5674'	91.5	109.9
4206'	100.4	103.5	5800'	91.5	112
4269'	100.7	100.7	5957'	89.6	114.4
4300'	101.2	101.4	6020'	88.5	114.4
4290'	97.3	103.5	6115'	89.2	113.7
4353'	93.4	104.6	6367'	92.4	113
4427'	94	104.9	6493'	91.8	112
4583'	93.4	106.3	6588'	91.7	112.3
4826'	92	102.1			
4888'	93.1	107.1			

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

Sincerely,

Gary Miller
District Drilling Manager



Notary Public

My commission expires:

Dec 22, 2007

