



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

May 28, 2002

Rig No. 47

Phillips Petroleum Company
5525 Hwy 64 NBU 3004
Farmington, NM 87401

Attn: Patsy Clugston

This letter is to certify that Key Energy Services, Inc., did run deviation surveys at the listed depths on the San Juan 32-8 17M well in S23-T31N-R08W, in San Juan, county, New Mexico.

Depth	Deviation	Depth	Deviation
158'	$\frac{3}{4}^{\circ}$	4267'	$\frac{1}{4}^{\circ}$
344'	$\frac{1}{2}^{\circ}$	4517'	$\frac{1}{4}^{\circ}$
844'	$\frac{3}{4}^{\circ}$	4991'	$1\frac{1}{2}$
1339'	$\frac{1}{2}^{\circ}$	5244'	2°
1836'	$\frac{3}{4}^{\circ}$	5493'	2°
2337'	$\frac{3}{4}^{\circ}$	5993'	$1\frac{3}{4}^{\circ}$
2836'	1°	6492'	$2\frac{3}{4}^{\circ}$
3580'	1°	6930'	2°
3735'	$1\frac{3}{4}^{\circ}$	7427'	$1\frac{3}{4}^{\circ}$
4016'	$2\frac{1}{2}^{\circ}$	7717'	$2\frac{1}{4}^{\circ}$



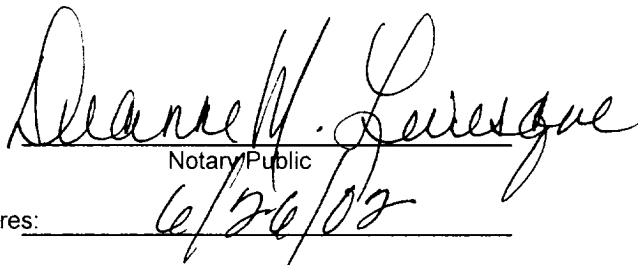
To the best of my knowledge, I swear this information to be true.

Sincerely,



J.D. Griffith
Drilling contract manager




Notary Public
6/26/02

My commission expires: