



Key Energy Services, Inc.

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

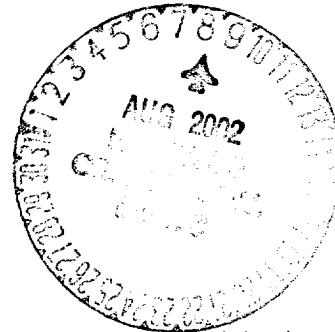
Phone: 505-327-4935
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June 28, 2002

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 21A well in S15-T31N-R08W, in San Juan, county, New Mexico.

Depth	Deviation	Depth	Deviation
158'	$\frac{3}{4}^{\circ}$	3588'	$1\frac{1}{2}^{\circ}$
314'	$\frac{1}{2}^{\circ}$	3848'	$1\frac{1}{4}^{\circ}$
811'	$\frac{1}{2}^{\circ}$	4345'	$4\frac{1}{2}^{\circ}$
1311'	1°	4598'	4°
1840'	$1\frac{1}{4}^{\circ}$	4974'	$2\frac{1}{2}^{\circ}$
2338'	$1\frac{1}{4}^{\circ}$	5479'	$2\frac{1}{2}^{\circ}$
2837'	1°	5891'	$2\frac{1}{2}^{\circ}$
3087'	1°	6170'	$3\frac{1}{4}^{\circ}$

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

Sincerely,

J.D. Griffith
Drilling contract manager

Notary Public

My commission expires: 6/26/06

