



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, 2001

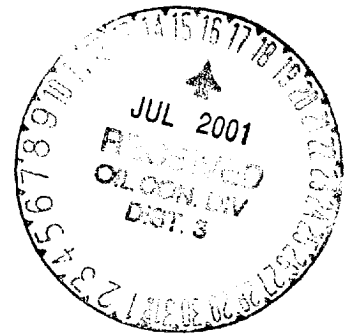
Phillips Petroleum Company
5525 Hwy 64 NBU 3004
Farmington, NM 87401

Attn: Patsy Clugston

Rig no. 53

This letter is to certify that Key Energy Services, Inc., did run deviation surveys at the listed depths on the San Juan 32-8 46A well in S14-T32N-R08W, in San Juan county, New Mexico.

Depth	Deviation	Depth	Deviation
311'	$\frac{3}{4}^{\circ}$	4018'	$\frac{3}{4}^{\circ}$
842'	$\frac{3}{4}^{\circ}$	4424'	1°
1339'	$\frac{1}{4}^{\circ}$	4858'	$3\frac{1}{4}^{\circ}$
1838'	$1\frac{3}{4}^{\circ}$	5014'	$4\frac{3}{4}^{\circ}$
2334'	$\frac{1}{2}^{\circ}$	5515'	3°
2834'	M.R.	6015'	2°
3112'	$1\frac{3}{4}^{\circ}$	6515'	2°
3560'	1°	6792'	$2\frac{1}{4}^{\circ}$



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

Sincerely,

J.D. Griffith
Drilling contract manager



Notary Public

My commission expires: 6/26/02