



**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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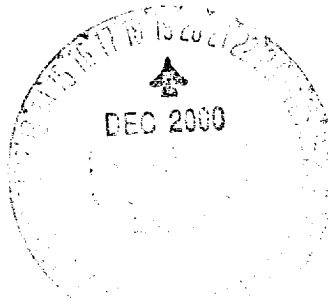
30-045-30242

November 30, 2000

Rig No. 53

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 Federal 23 #1 well in S23-T32N-R09W, in Rio Arriba county, New Mexico.

Depth	Deviation	Depth	Deviation
220'	$\frac{3}{4}^{\circ}$	2257'	$1\frac{1}{4}^{\circ}$
762'	$1^{\circ}$	2756'	$\frac{3}{4}^{\circ}$
1751'	$\frac{1}{2}^{\circ}$	3360'	$\frac{3}{4}^{\circ}$

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