



Key Energy Services, Inc.

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

Phone: 505-327-4935
Fax: 505-327-4962

DATE: 4/13/00

RIG #47

PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON, N.M. 87401



ATTN: PATSY CLUGSTON

THIS LETTER IS TO CERTIFY THAT KEY ENERGY SERVICES DID RUN DEVIATION SURVEYS AT THE LISTED DEPTH ON YOUR SAN JUAN 29-5 UNIT #60M WELL, IN SECTION 32, T-29-N, R-5-W, IN RIO ARRIBA COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
158	3/4	1806	1-1/4
307	1	2307	1
804	1/4	2807	1-1/4
1306	3/4	3301	1-1/4

(DRILLED WITH HALCO 600 AIR HAMMER
FROM 3800' TO 7894')

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

SINCERELY,

JOHN K. RICHARDSON
DRILLING CONTRACT MANAGER

Notary Public

My commission expires:

6/26/02
DATA,PHILSURV