



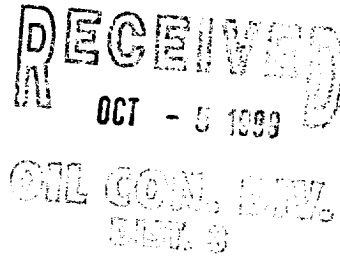
Key Energy Services, Inc.
Four Corners Division
P.O. Box 900
5651 US Highway 64
Farmington, NM 87499
Phone: 505-327-4935
Fax: 505-327-4962

DATE: 8-24-99

RIG #49

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 29-6 UNIT #47B WELL, IN SECTION 28, T-29-N, R-6-W, IN RIO ARriba COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION
354	3/4
858	3/4
1349	3/4
1843	1

DEPTH	DEGREE DEVIATION
2343	1
2848	1
3490	3/4
5830	1/4

(DRILLED WITH HALCO 600 AIR HAMMER
FROM 3530' TO 5840')

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