

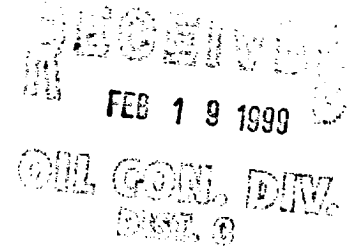
KEY ENERGY SERVICES, INC.
FOUR CORNERS DIVISION
P.O. BOX 900, 5651 US HWY 64 - FARMINGTON, N.M. 87499
(505) 327-4935 - FAX (505) 327-4962

DATE: 1-21-99

RIG #37

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 #32M WELL, IN SECTION 29, T-29-N, R-5-W, IN RIO ARriba COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
335	1/4	4473	1/2
954	1/2	5041	1/4
1489	1/2	5544	1/2
1979	1/4	6046	1/4
2417	3/4	6543	3/4
2950	1-1/4	6932	1/2
3489	1-1/2	7566	1/2
3980	1-1/4	8159	1/2

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

SINCERELY,

JOHN K. RICHARDSON
DRILLING MANAGER

Notary Public

My commission expires: 6/9/00

DATA, PHILSURV