



Key Energy Services, Inc.

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

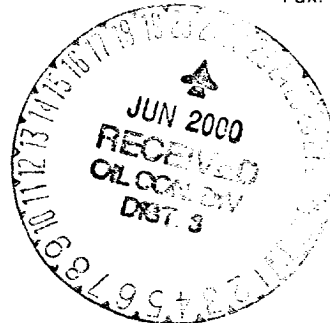
Phone: 505-327-4935
Fax: 505-327-4962

DATE: 5-1-00

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 #52M WELL, IN SECTION 29, T-29-N,
R-5-W, IN RIO ARriba COUNTY, NEW MEXICO. I -

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
157	1/4	4441	1-1/4
310	1	4935	1-1/2
594	1	5433	1-3/4
1112	3/4	5958	1-1/4
1614	1	6435	1-1/4
2113	1	6956	1-1/4
2645	1	7481	1
3144	1/2	8040	3/4
3641	3/4		

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: 6/30/00

DATA,PHILSURV