



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: 6-28-99

RIG #49

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

RECEIVED
AUG 23 1999
OIL CON. DIV.
DIST. 3

ATTN: PATSY CLUGSTON

THIS LETTER IS TO CERTIFY THAT KEY ENERGY SERVICES DID RUN DEVIATION SURVEYS
AT THE LISTED DEPTH ON YOUR SAN JUAN 31-6 UNIT #16m WELL, IN SECTION 33, T-31-N,
R-6-W, IN RIO ARriba COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION
353	1
855	1
1167	3/4
1663	3/4
2096	1

DEPTH	DEGREE DEVIATION
2580	1
3078	3/4
3612	1/2
7978	1-1/4

(DRILLED WITH HALCO 600 AIR HAMMER
FROM 3650' TO 8018')

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

SINCERELY,

JOHN K. RICHARDSON
DRILLING MANAGER

Notary Public

My commission expires:

June 26, 2002
DATA,PHILSURV