



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: 10-21-99

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 30-5 UNIT #83M WELL, IN SECTION 23, T-30-N,
R-5-W, IN RIO ARriba COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
359	1/2	2847	3/4
853	1/4	3236	3/4
1347	1/2	3760	3/4
1809	1/2	8007	3/4
2305	3/4		

(DRILLED WITH HALCO 600 AIR HAMMER
FROM 3794' TO 8042')

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

SINCERELY,

John K. Richardson

JOHN K. RICHARDSON
DRILLING CONTRACT MANAGER

RECEIVED
NOV - 9 1999

OIL COAL DIV.
BTL 3

Deanne M. Luriz
Notary Public

My commission expires: 6/26/02

DATA, PHILSURV