



Key Energy Services, Inc.

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

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

DATE: 09/29/00

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 30-5 UNIT #21A WELL, IN SECTION 24-T30N-R05
IN RIO ARRIBA COUNTY, NEW MEXICO. E -

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
153'	1°	4226'	1°
307'	¾°	4525'	1¼°
621'	1°	5147'	2°
1643'	1½°	5675'	1¼°
2233'	1¼°	6698'	1¾°
2691'	1½°	6949'	2°
3196'	1°	7476'	1¾°
3795'	1°	7974'	1¾°
4265'	1°		

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

SINCERELY,

J.D. GRIFFITH
DRILLING CONTRACT MANAGER

Notary Public

My commission expires: 6/26/02

DATA,PHILSURV

PHILLIPS PETROLEUM COMPANY

SAN JUAN 30-5 UNIT No. 21A

1607' FNL, 1006' FEL

NE/4 SEC. 24, T-30-N, R-05-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 7066'

