



P. O. Box 900, 5651 US Hwy. 64 • Farmington, New Mexico 87499
(505) 327-4935 • 24 Hour Dispatch (505) 325-6892 • (505) 327-0416

DATE: 7-7-98

RIG # 37

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

ATTN: PASTY CLUGSTION

THIS LETTER IS TO CERTIFY THAT BIG A WELL SERVICE DID RUN DEVIATION SURVEYS
AT THE LISTED DEPTH ON YOUR SAN JUAN 32 FEDERAL COM 7 #1 WELL, IN SECTION 7, T
R-9-W, IN SAN JUAN COUNTY, NEW MEXICO.

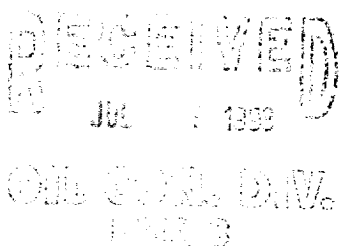
DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
158	3/4	1857	1
363	0	2345	1-1/4
877	1	2851	3/4
1385	3/4	3350	3/4

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

SINCERELY,

John K. Richardson

JOHN K. RICHARDSON
DRILLING MANAGER



Paula Joanne Pugh
Notary Public

My commission expires: 6/9/00

DATA,PHILSURV