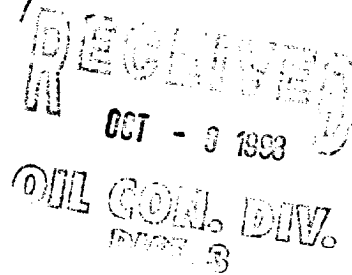




P. O. Box 900, 5651 US Hwy. 64 ▪ Farmington, New Mexico 87499
(505) 327-4935 ▪ **24 Hour Dispatch (505) 325-6892** ▪ (505) 327-0416

DATE: 9-15-98

RIG # 37



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

ATTN: PATSY CLUGSTON

THIS LETTER IS TO CERTIFY THAT BIG A WELL SERVICE DID RUN DEVIATION SURVEYS
AT THE LISTED DEPTH ON YOUR SAN JUAN 32-7 UNIT # 87 WELL, IN SECTION 27, T-32-N,
R-7-W, IN SAN JUAN COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
155	0	2030	1-3/4
288	1/2	2510	1/2
790	1	2950	1
1190	1-3/4	3480	1-3/4
1300	1-3/4	3760	2
1601	1-3/4		

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

SINCERELY,

JOHN K. RICHARDSON
DRILLING MANAGER

Notary Public

My commission expires: 6/9/00

DATA,PHILSURV