



P.O. Drawer 3337, 700 S. Tucker, Farmington, New Mexico 87499  
(505) 327-4961 • 24-Hour Dispatch (505) 325-6892 • (505) 327-0416

DATE: 6-12-1997

RIG #41

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

RECEIVED  
JUL 30 1997

ATTN. MR. DANNY JAAP

OIL CON. DIV.  
DIST. 3

THIS LETTER IS TO CERTIFY THAT BIG A WELL SERVICE DID RUN DEVIATION SURVEYS  
AT THE LISTED DEPTH ON YOUR SAN JUAN 30-5 UNIT #47M WELL, IN SECTION 17, T-30-N,  
R-5-W, IN RIO ARriba COUNTY, NEW MEXICO.

| DEPTH | DEGREE DEVIATION | DEPTH | DEGREE DEVIATION |
|-------|------------------|-------|------------------|
| 183   | 1/4              | 3875  | 3/4              |
| 335   | 1/4              | 4293  | 1                |
| 501   | 1/2              | 4742  | 3/4              |
| 778   | 1                | 5200  | 3/4              |
| 1183  | 3/4              | 5647  | 1/2              |
| 1617  | 1                | 6194  | 3/4              |
| 2078  | 1                | 6661  | 3/4              |
| 2457  | 1-1/4            | 7124  | 3/4              |
| 2819  | 3/4              | 7535  | 1                |
| 3221  | 3/4              | 7907  | 1/2              |
| 3600  | 3/4              |       |                  |

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

SINCERELY,

*John K. Richardson*

JOHN K. RICHARDSON  
DRILLING MANAGER



OFFICIAL SEAL  
MARILYN D. LONG  
NOTARY PUBLIC - NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires: JANUARY 2, 2000

*Marilyn D. Long*

DATA,PHILSURV