



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

DATE: 1-20-98

RIG # 37

LIMARK CORPORATION
P.O. BOX 10708
MIDLAND TX. 79702-7708

ATTN: MARK A. PHILPY

RECEIVED
APR - 8 1999

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 FEDERAL #27-1 WELL, IN SECTION 27, T-20-N R-4-W, IN
SANDOVAL COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
157	1/2	3093	1/2
312	3/4	3589	1
508	3/4	3992	3/4
1001	3/4	4491	1
1535	1	4957	3/4
2031	3/4	5420	3/4
2502	1-1/4	6013	3/4

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

SINCERELY,

John K. Richardson
JOHN K. RICHARDSON
DRILLING MANAGER

Qua Joanne Powell
Notary Public

My commission expires: 6/9/00