L & B Speed Drill, Inc.

P.O. BOX 70 • FARMINGTON, NEW MEXICO 87499-0070 • (505) 225-1079

JUNE, 15, 2000

RICHARDSON OPERATING COMPANY 1700 LINCOLN ST. SUITE 1700 DENVER CO. 80203

RE: Directional Survey

Well Navajo 27 # 1 1255' FNL & 1120' FEL Sec. 27-29N- 14W

San Juan county, N.M.

Below is the directional survey for your well Navajo 27 # 1

130' 3/4°

600' 3/4°

1100' 3/4°

1360' 1/2°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO]

COUNTY OF SAN JUAN]

SIGNED & ACKNOWLEDGE

JAMES L. LUDWICK, DRI

The foregoing instrument was acknowledge before me thisl5th day ofJune 2000

NOTARY PIRT TO

My commission expires; /0/23/2003