

L & B Speed Drill, Inc.

James L. Ludwick

P.O. BOX 70 • FARMINGTON, NEW MEXICO 87499-0070 / (505) 325-1079

March 26, 1999

RICHARDSON OPERATING COMPANY
1700 LINCOLN, SUITE 1700
DENVER, CO 80203

Re: Directional Survey
Well WF Federal 34-1
Sec. 34, T30N, R14W
San Juan County, NM

Below is the directional survey for your well WF Federal 34-1.

130' 1/4°

650' 1/2°

1260' 3/4°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO]

COUNTY OF SAN JUAN]

SIGNED & ACKNOWLEDGE BY:

JAMES L. LUDWICK, DRILLER

The foregoing instrument was acknowledge before me this 26th day of MARCH 1999.

NOTARY PUBLIC

My commission expires: 10/23/99