

L & B Speed Drill, Inc.

James L. Ludwick

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

July 9, 1998

RECEIVED
DEC - 3 1998

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

OIL CON. DIV.
DIST. 3

RE: Directional survey
Well WF Federal #21-1-R
885' FSL and 906' FWL
m- SWSW Sec. 21, T30N, R14W
San Juan County, NM

Below is the directional survey for your WF Federal 21-1-R well.

127' 1/2°

650' 3/4°

1250' 1°

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

SIGNED & ACKNOWLEDGE BY:

James L. Ludwick

JAMES L. LUDWICK, DRILLER

The foregoing instrument was acknowledge before me this 9th day of July 1998.

John H. Smith
NOTARY PUBLIC

My commission expires 10/23/99