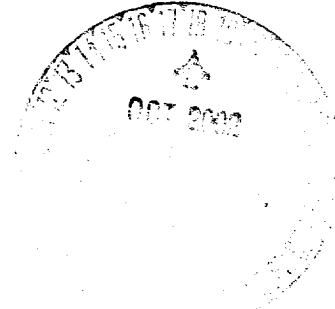


L & B Speed Drill, Inc.

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

DATE: 7/17/2002

TO: Richardson Operating Co.
1700 Lincoln ST., Suite 1700
Denver, CO 80203



30-045-31121

Re: Directional Survey:
Well F-RPC 20 #3
600' FSL & 715' FWL SWSW
177- Sec. 20 T29N-R13W NMPM
San Juan County, NM

Below is the directional survey for your well F-RPC 20 #3.

120' 1/4°
600' 1/4°
1100' 3/4°
1320' 3/4°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO]
COUNTY OF SAN JUAN]

SIGNED & ACKNOWLEDGED BY:

JAMES L. LUDWICK, PRESIDENT

The foregoing instrument was acknowledged before me this 18th day of July 2002.

NOTARY PUBLIC

My commission expires: 10/23/2003