

RECEIVED DEC 23 1996

L & B Speed Drill, Inc.

James L. Ludwick

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

December 13, 1996

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

RECEIVED
MAR 31 1997

OIL CON. DIV.
DINT. 3

Re: Directional Survey
Well #1 ROPCO 15
H SENE, Sec. 15, T29N, R13W

Below is the directional survey on your #1 ROPCO 15 Well.

122'	1/4°
485'	1/2°
900'	1/2°
1360'	3/4°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

SIGNED & ACKNOWLEDGE BY:

James L. Ludwick
JAMES L. LUDWICK, PRESIDENT

The foregoing instrument was acknowledge before me this 13th day of DEC. 1996.

Ester Ditch
NOTARY PUBLIC

My commission expires: 10/22/99