

I & B Speed Drill, Inc.

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

DATE: 7/26/2001

TO: RICHARDSON OPERATING COMPANY
1700 Lincoln St., Suite 1700
Denver, CO 80203

30-045-30460

Re: Directional Survey
Well Ropco 8 #4
1607' FSL & 1451' FEL
g- Sec. 8-T29N-R14W
San Juan County, NM

Below is the directional survey for your well Ropco 8 #4.

130' 1/2°

600' 3/4°

800' 3/4°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO]
COUNTY OF SAN JUAN]

SIGNED & ACKNOWLEDGED BY: James L. Belack

The foregoing instrument was acknowledged before me this 26th day of July 2001

Esther Hatcher
NOTARY PUBLIC

My commission expires: 10/23/2003