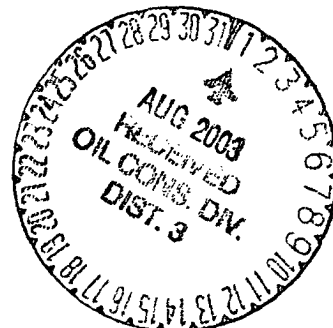


J. & B Speed Drill, Inc

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

DATE: 5/2/2003

TO: Richardson Operating Company
4601 DTC Blvd. Suite 470
Denver, CO 80237



Re: Directional Survey:

Well Ropco 16-#1
997' FNL & 1563' FEL
Sec. 16-T29N-R14W
San Juan County, NM

30-045-30942

Below is the directional survey for your well Ropco 16 #1.

120' 1°

790' 1°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO]
COUNTY OF SAN JUAN]

SIGNED & ACKNOWLEDGED BY: _____

James L. Ludwick

JAMES L. LUDWICK, PRESIDENT

The foregoing instrument was acknowledged before me this 2nd day of May 2002.

Notary Public
NOTARY PUBLIC

My commission expires: 10/23/2003