

DATE: 12/11/2002

TO: Calpine Natural Gas
1200 17th Street, Suite 770
Denver, CO 80202



30-045-31221

Re: Directional Survey:

Well Coolidge #2
1050' FNL & 960' FWL
Sec. 22-T30N-R14W
San Juan County, NM

Below is the directional survey for your well Coolidge #2.

130' 3/4°

705' 1 1/4°

1380' 1 1/4°

ACKNOWLEDGEMENT

STATE OF NEW MEXICO]

COUNTY OF SAN JUAN]

SIGNED & ACKNOWLEDGED BY:

J. L. Ludwick
JAMES L. LUDWICK, PRESIDENT

The foregoing instrument was acknowledged before me this 12th day of Dec. 2002.

John H. Hatcher
NOTARY PUBLIC

My commission expires: 10/23/2003