

DATE: March 1, 2001

TO: RICHARDSON OPERATING CO.  
1700 LINCOLN St., Suite 1700  
DENVER, CO 80203

Re: Directional Survey  
Well WF Navajo 23 #1  
1570' FNL & 845' FEL  
Sec. 23, 29N, 14W  
San Juan County, NM

Below is the directional survey for your well WF Navajo 23 #1.

135' 1°  
600' 3/4°  
1100' 3/4°

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 1st day of March 2001.

Ester Kitchin  
NOTARY PUBLIC

My commission expires: 10/23/2003