

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

DATE: 11/14/2001

TO: RICHARDSON OPERATING COMPANY  
1700 LINCOLN ST., SUITE 1700  
DENVER, CO 80203

30-045-30716



Re: Directional Survey  
Well WF Federal 31 #1  
809' FNL & 1395' FEL  
Sec. 31-T30N-R14W NMPM  
San Juan County, NM

Below is the directional survey for your well WF Federal 31 #1.

140' 1°  
600' 3/4°  
940' 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 14<sup>th</sup> day of Nov. 2001

Eaton Hatcher  
NOTARY PUBLIC

My commission expires: 10/23/2003