

DATE: 6/25/2001

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

30-045-30345

Re: Directional Survey  
Well Ropco 9 #4  
1438' FNL & 1910' FWL  
Sec. 9-T29N-R14W NMPM  
San Juan County, NM

Below is the directional survey for your well Ropco 9 #4.

132' 1/2°  
600' 1/2°  
950' 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 25<sup>TH</sup> day of June 2001

Estate Hitchcock  
NOTARY PUBLIC

My commission expires: 10/23/2003