



3100 La Plata Hwy. Farmington, NM 87401 (505) 564-3100
Fax (505) 564-3109

1/21/2005

Richardson Operating Company
4601 DTC Blvd, Suite #470
Denver, CO 80237

Re: Directional Survey

30-045-31787



Below is the directional survey for your well Federal 24-25 #2

734' @ 1/4°
1100' @ 1/4°
1832' @ 1-1/2°
2327' @ 3/4°
2565' @ 1/2°

Acknowledgment

State of Colorado]

County of Arapahoe]

Signed and Acknowledged By:


Patti L. Davis, Manager

The foregoing instrument was acknowledged before me this 14th day of

March, 2005




Notary Public

My Commission expires: 10-31-06