

American Drilling Contractors, LLC

3100 LA PLATA HWY. · FARMINGTON, NEW MEXICO 87401 · (505)564-3100

Date: January 4, 2005

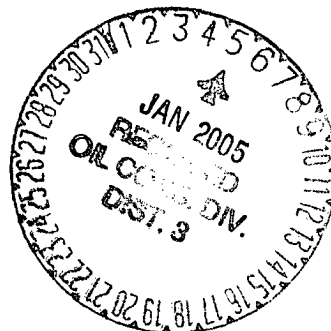
To: Richardson Operating Co.
4601 DTC Blvd., Suite 470
Denver, Co 80237

30-045-31953

Re: Directional Survey

Below is the directional survey for your well **Federal 24-15 #2**

680' @ 1/4°
1173' @ 1/4°
1610' @ 1/4°
2295' @ 1/4°
2874' @ 1/4°



Acknowledgment

State of New Mexico]

County of San Juan]

Signed & Acknowledged By: _____

Billie Ferrell, Manager

The foregoing instrument was acknowledged before me this 4th day of January, 2005

Brenna Rothlisberger
Notary Public

My Commission expires: October 1, 2008

