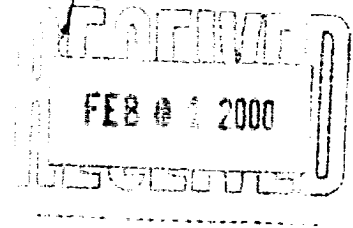


# L & B Speed Drill, Inc.

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

January 31, 2000

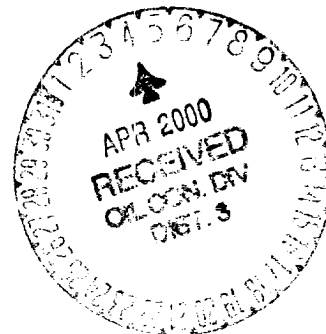


PLAYA MINERALS AND ENERGY  
650 N. SAM HOUSTON PKWY. E., SUITE 500  
HOUSTON, TX 77060

Re: Directional Survey  
Well NE Hogback No. 52  
2180' FSL & 1040' FEL  
I- Sec. 10, T30N, R16W  
San Juan County, NM

Below is the directional survey for your well NE Hogback No. 52.

320' 1°  
800' 1 1/4°  
1300' 1 1/2°  
1760' 2°



## ACKNOWLEDGEMENT

STATE OF NEW MEXICO ]  
COUNTY OF SAN JUAN ]

SIGNED & ACKNOWLEDGE BY:

James L. Ludwick  
JAMES L. LUDWICK, DRILLER

The foregoing instrument was acknowledge before me this 31<sup>st</sup> day of Jan. 2000.

Notary Public  
NOTARY PUBLIC

My commission expires: 10/23/2003