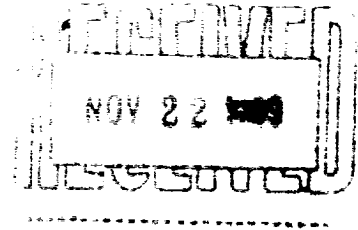


L & B Speed Drill, Inc.

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

November 16, 1999

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



Re: Directional Survey
Well NE Hogback No. 55
300 FNL & 1050' FWL
D - Sec. 14, T30N, R16W NMPM
San Juan County, NM

Below is the directional survey for your well NE Hogback No.55.

320' 3/4°
700' 1°
1200' 1/2°
1700' 2°
2200' 2 1/2°
2375' 2 3/4°



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 15th day of Nov. 1999.

Esther Kitch
NOTARY PUBLIC

My commission expires: 10/23/2003