

L & B Speed Drill, Inc.

James L. Ludwick

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

July 27, 1998

RECEIVED
AUG 3-1998

OIL CON. DIV.
BOST. 3

THOMPSON ENGINEERING & PRODUCTION CORP
7415 E. MAIN
FARMINGTON, NM 87402

Re: Directional survey

LOCATION: Well CAPT. H.W. SAWYER #1
Sec. 13, T30N, R12W
San Juan County, NM

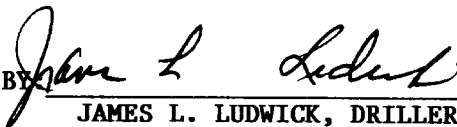
Below is the directional survey for your Capt. H.W. Sawyer #1 well.

130' 1/4°
650' 1/2°
1100' 3/4°
1620' 1°
2020' 1°

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

SIGNED & ACKNOWLEDGE BY


JAMES L. LUDWICK, DRILLER

The foregoing instrument was acknowledge before me this 27 day of July 1998.


NOTARY PUBLIC

My commission expires 10/23/99