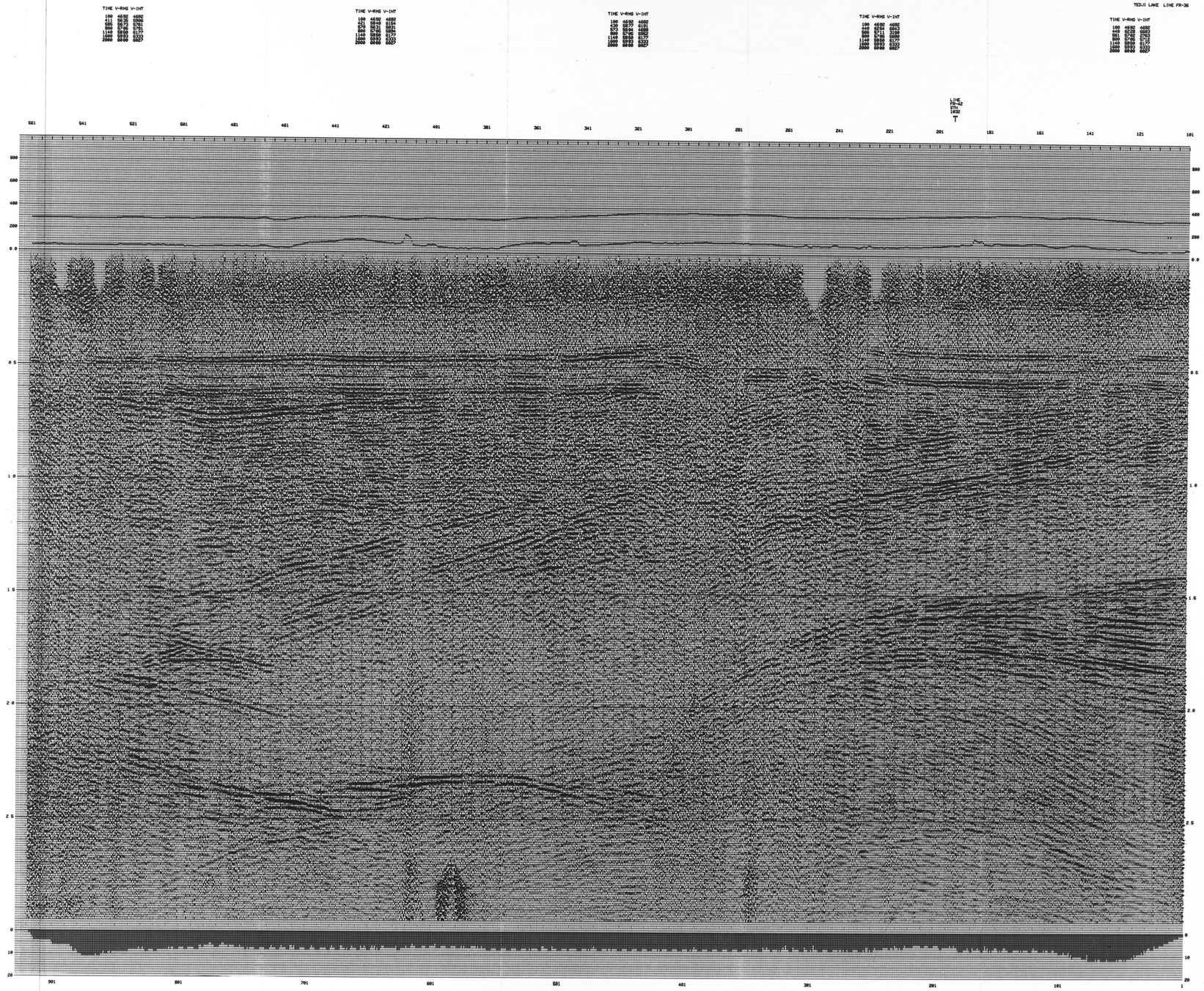

9229-F9-7E

SURFACE REFERENCED VELOCITY TABULATIONS

FORWARD RESOURCES LTD.

PROCESSING MONITORED BY
PETREL CONSULTANTS LTD.

LINE: FR-36
PROJECT: TEDJI LAKE
LOCATION: N.W.T. 67 N 126E

N.E.

STRUCTURE

FLAG

POLARITY ☒ NP ☐ RP

FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SURFACE ELEVATIONS

SHOT BY: PACER GEOPHYSICAL LTD. PTY.LTD
DATE: JAN. 1984

SPREAD: 1032 - 34 X 34 - 1032
SOURCE INTERVAL: 136M
RECEIVER INTERVAL: 34M

SOURCE: DYNAMITE: 1 X 2KG. @ 10M
RECEIVERS: MARK L-28: 14HZ.x 3 OVER 33.5M

INSTRUMENTS: MDS-10: 96 TRACE
GAIN MODE: IFP
TAPE FORMAT: SEG B
FIELD FILTERS: 8-125HZ

SURFACE IN TIME

PROCESSING PARAMETERS

PROCESSED BY GEO-X SYSTEMS LTD. NEW
DATE: FEB. 1984

DIGITAL CONVERSION

AMPLITUDE RECOVERY (AT)EXP(BT)

DECONVOLUTION TYPE: SPIKING: TIME VARIANT
OPERATOR LENGTH: 80 MS.
PREWHITENING: 1 %
GATE: 200- 800 MS. AT 0 OFFSET
800-1600 MS. AT 1032 M OFFSET
GATE: 400-1800 MS. AT 0 OFFSET
900-1900 MS. AT 1032 M OFFSET
GATE:1700-2700 MS. AT 0 OFFSET
1800-2750 MS. AT 1032 M OFFSET

STRUCTURAL CORRECTIONS DATUM ELEVATION: 305 M
DATUM VELOCITY: 5500 M/SEC.
REPLACING DATUM: 0 M.
ELEVATION, WEATHERING, AND DRIFT

ANALYSIS PRELIMINARY VELOCITIES AND STATICS

STATICS SURFACE STACK RESIDUAL
TRACE KILLS

VELOCITY ANALYSIS
FINAL MOVEOUT

MEAN SCALING 600-1600 MS.; 1100-2400 MS.

MUTE DISTANCE(M): 307 1123 1632
TIME(MS): 190 400-600 700

STATICS SURFACE CONSISTENT RESIDUAL
WINDOW: 900-2800 MS.

TRACE GATHER FOLD: 12

STATICS CDP CROSS CORRELATION

STACK

FILTER 18/25 - 85/100

EQUALIZATION MEAN WINDOW 250-2700 MS..

Geophysics
2060 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229

LINE NO. FR-36

PART NO. 1 OF 1

R.R. 10X