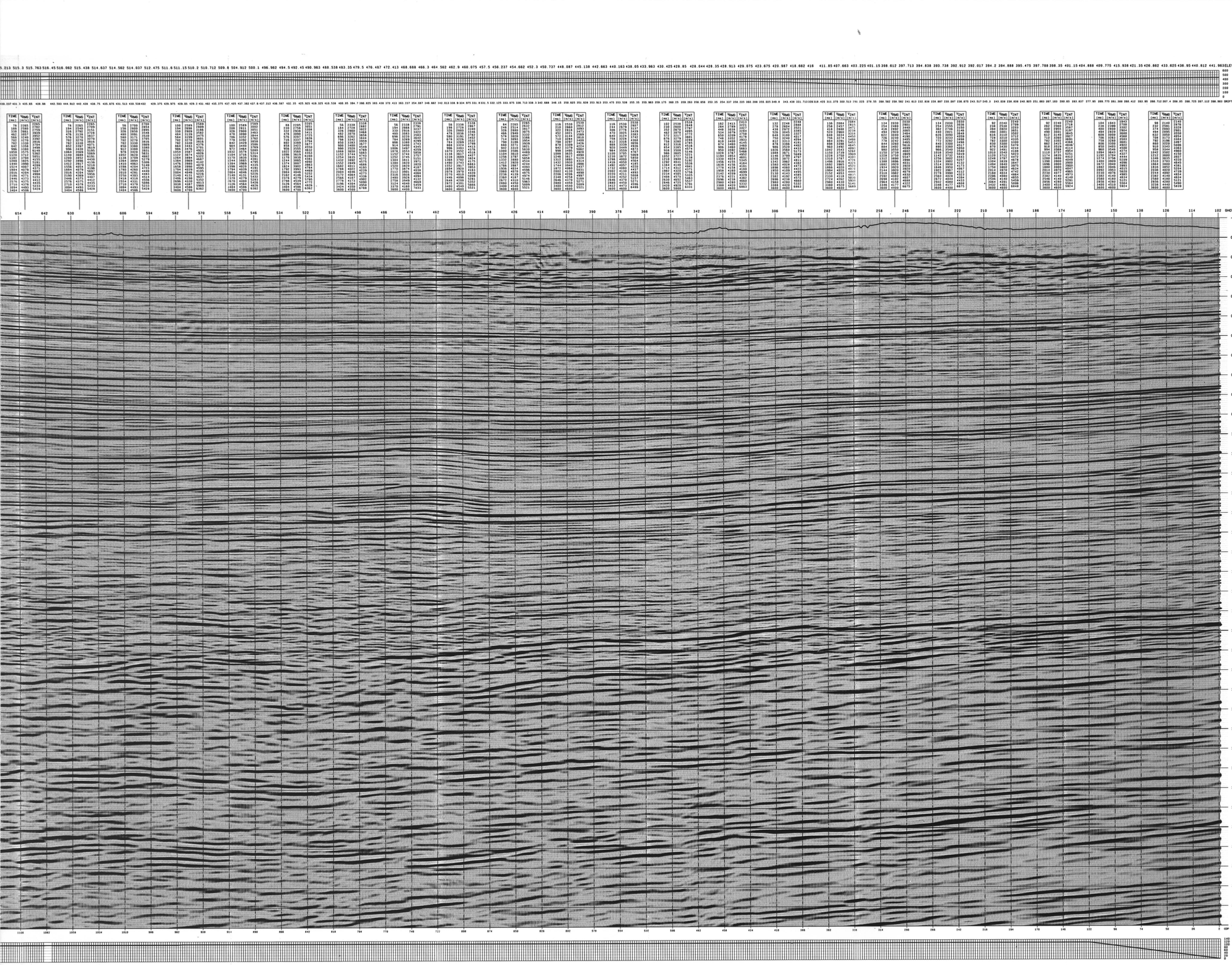


NORMAL POLARITY
MIGRATED NOISE
ATTENUATED SECTION

LINE : 99CHI-002
AREA NAME : FORT LIARD
STATIONS : VP 1333 (W) ... VP 102 (E)

PROCESSED FOR: 9229-C131-1E

CANADIAN FOREST OIL LTD.

DATE PROCESSED : FEBRUARY 1999
DATE SHOT : JANUARY 1999
SHOT BY : GECO-PRAKLA
SHOT FOR : CANADIAN FOREST OIL LTD.

FIELD PARAMETERS

SOURCE	TYPE	VIBROSEIS
	LAYOUT	3 VIBS. / DRAG = 10 M
	SOURCE INTERVAL	20 M
	GROUP INTERVAL	20 M
	SWEEP LENGTH	2 SWEEPS, 20 SEC.
	SWEEP SPECTRUM	10 - 120 HZ
SPREAD	COVERAGE	12000%
	SPREAD TRACE	1 120 V|P 121 240
	DISTANCE	2410 30 0 30 2410 M
RECEIVER	TYPE / FREQ	OYO 30CT / 10 HZ
	LAYOUT	9 GEOPHONES OVER 10 M
INSTRUMENT	MODEL	I/O SYSTEM TWO
	FIELD FILTER	OUT(S) - 3/4 NYQ. WIN. / NOTCH OUT
	TAPE FORMAT	IEEE SEG-D
	RECORD LENGTH	5 SEC.
	SAMPLE RATE	2 MS

VERITAS GeoServices Ltd.

PROCESSING PARAMETERS

1 DEMULTIPLEX
PROCESSED LENGTH: 5000 MS
SAMPLE RATE: 2 MS

2 AMPLITUDE RECOVERY - EXPONENTIAL FUNCTION

3 GEOMETRY - STRAIGH LINE

4 MINIMUM-PHASE SURFACE CONSISTENT DECONVOLUTION
OPERATOR LENGTH : 160 MS
PREWHITENING : 0.1 %

DISTANCE	DESIGN GATE	APPL. GATE
30 M	300 - 3200	0 - 5000 MS
2410 M	1300 - 3400	0 - 5000 MS

5 RESIDUAL AMPLITUDE ANALYSIS AND APPLICATION

6 STRUCTURE STATICS - 2 LAYER DRIFT COMPUTATION
SHORT WAVELENGTH
DATUM ELEVATION: 550 M ASL
REPLACEMENT VELOCITY: 3250 M/S
WEATHERING VELOCITY : 610 M/S
PROCESSING DATUM: SURFACE
OFFSET LIMITED

7 MANUAL TRACE EDITS

8 TRACE GATHER - 126 FOLD

9 VELOCITY ANALYSIS - NORMAL MOVEOUT
REFERENCE SURFACE
TYPE: VELANA INTERACTIVE SEMBLANCE

10 ZERO-PHASE DECONVOLUTION
OPERATOR LENGTH : 160 MS
PREWHITENING : 0.1 %

DISTANCE	DESIGN GATE	APPL. GATE
30 M	300 - 3200	0 - 5000 MS
2410 M	1300 - 3400	0 - 5000 MS

11 STATICS - AUTOMATIC SURFACE CONSISTENT
WINDOW 200-2500 MS FILTER: 10/15-50/60 HZ.
MAX. STATIC: 42 NO. TRACES IN MODEL: 11

12 FIRST BREAK MUTES
DISTANCE 230 350 550 950 2380 M
TIME 0 220 380 706 1780 MS

13 STATICS - CDP TRIM
WINDOW 200-2500 MS FILTER: 10/15-60/70 HZ.
MAX. STATIC: 16 NO. TRACES IN MODEL: 11

14 STRUCTURE STATICS - LONG WAVELENGTH

15 STACK - 126 FOLD (EQUAL WEIGHT)

16 F-X DECONVOLUTION
FREQUENCY RANGE : 10 - 110 HZ
WINDOW : 0 - 5000 MS
NOISE THRESHOLD : 0.10

17 SPECTRAL BALANCING

18 F-X DECONVOLUTION
FREQUENCY RANGE : 10 - 110 HZ
WINDOW : 0 - 5000 MS
NOISE THRESHOLD : 0.10

19 MIGRATION - KIRKHOFF
STACKING VELOCITY SCALING FACTOR = 100%

20 FILTER - TIME VARIANT
FREQ=10/15 - 80/120 HZ. APPL. GATE : 0 - 1000 MS
FREQ=10/15 - 50/100 HZ. APPL. GATE : 1000 - 2200 MS
FREQ=10/15 - 40/60 HZ. APPL. GATE : 2200 - 5000 MS

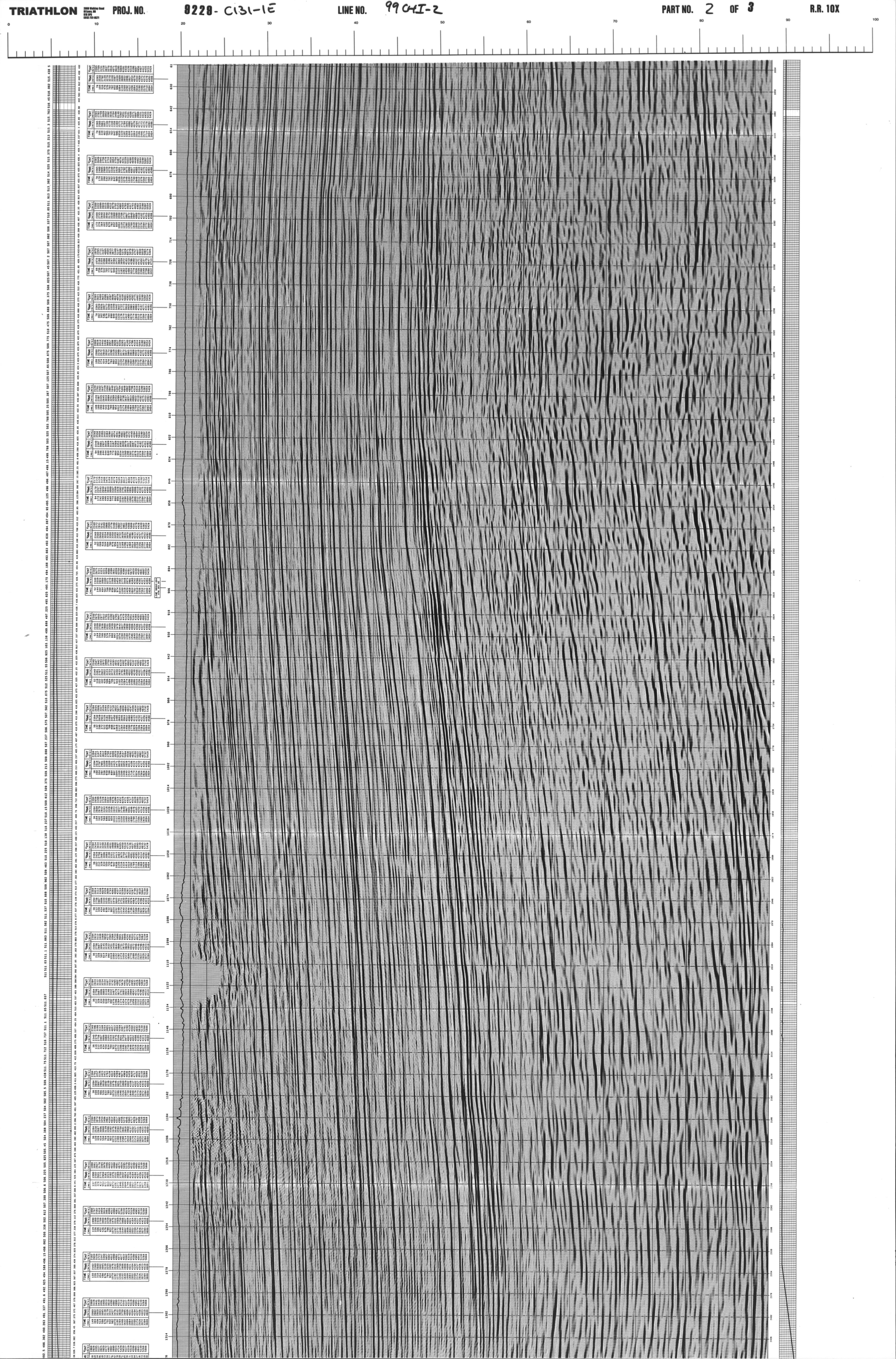
21 AMPLITUDE EQUALIZATION - MEAN SCALING

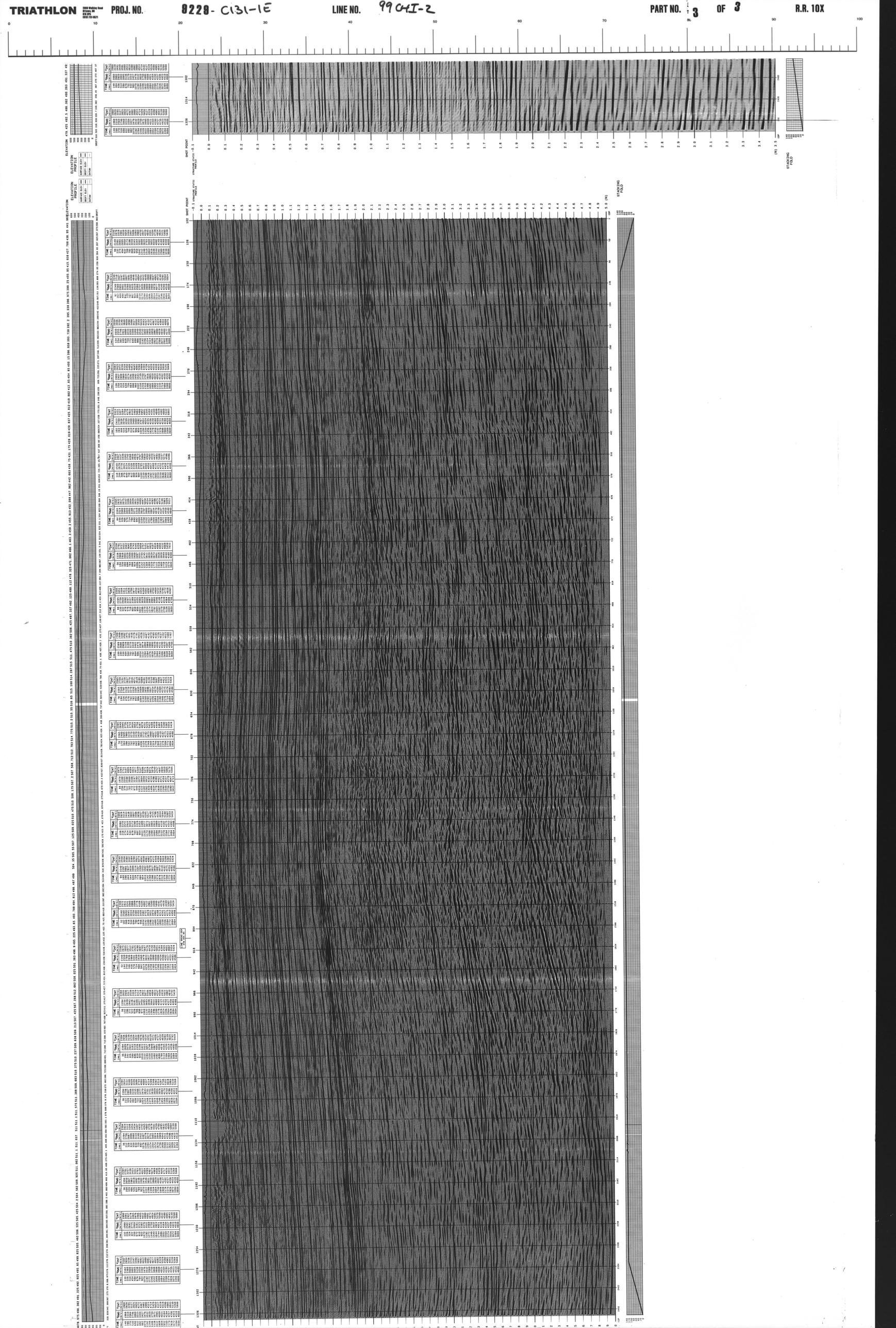
DISPLAY PARAMETERS

VERTICAL SCALE 7.5 / 3.75 INCHES PER SECOND
HORIZONTAL SCALE 24 / 48 TRACES PER INCH

28 MAY 1999

TRIATHLON PROJ. NO. 9229-C131-1E LINE NO. 99CHI-2 PART NO. 1 OF 3 R.R. 10X


TRIATHLON
PROJ. NO. 8228-C131-1E
LINE NO. 99CHI-2
PART NO. 2 OF 3
R.R. 10X


TRIATHLON
PROJ. NO. 8228- C131-1E
LINE NO. 99 CHI-2
PART NO. 3 OF 3
R.R. 10X
SHOT POINT
STACKING FOLD