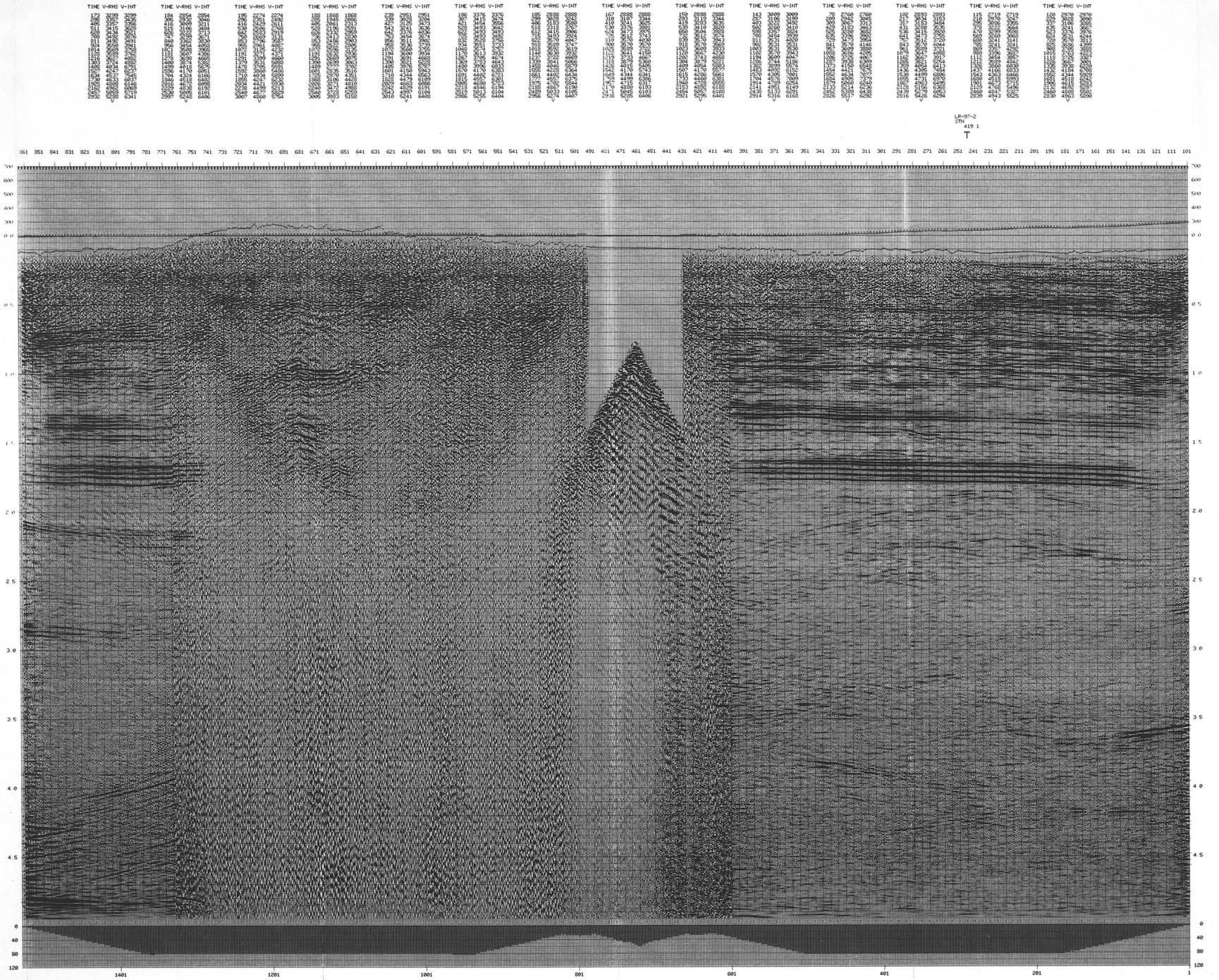
LINE LR-97-1 FORT LIARD



OCELOT INTERNATIONAL

9229-B59-5E

LINE: LR-97-1
PROJECT: FORT LIARD
LOCATION: N.W.T.
LATITUDE 60.6645 TO 60.7993 DEG.
LONGITUDE -123.4874 TO -123.5215 DEG.

SP.861 → N SP.101

STRUCTURE STACK MIGRATED

POLARITY ☒ NP ☐ RP

FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT FOR:	OCELOT ENERGY
SHOT BY:	GECO-PRAKLA PARTY: 1264
DATE:	APR. 1997
SPREAD:	3220 - 40 VP 40 - 3220 M.
SOURCE INTERVAL:	80 M.
RECEIVER INTERVAL:	20 M.
ACQUISITION FOLD:	4000 %
SOURCE: VIBROSEIS	MERTZ 18, 4 VIBS OVER 30 M., DRAG 20 M
SWEEP:	4 SWEEPS, 12.0 S, 10 - 100 HZ.
RECEIVERS:	OYO 20DX, 10 HZ., 9 OVER 20 M.
INSTRUMENTS:	I/O SYS II 320 TRACE
GAIN MODE:	FIXED
TAPE FORMAT:	SEG D
FIELD FILTERS:	3 - 3/4 NYQ(270HZ) NOTCH: OUT
SAMPLE RATE:	2 MS.

PROCESSING PARAMETERS

PROCESSED BY GEO-X DATE: SEP 1997	GEO-X SYSTEMS LTD. JHC
DIGITAL CONVERSION	2 MS. SAMPLE RATE
AMPLITUDE RECOVERY	(T)EXP(BT) B=0.0007
DECONVOLUTION	TYPE: ADAPTIVE S COMPONENT SURFACE CONSISTENT SIGNATURE WITH ZERO PHASE FREQUENCY DOMAIN OFFSET COMPONENT DOMAIN: FREQUENCY GATE: 250-2500 MS. AT 0 OFFSET 1500-2550 MS. AT 3620 M. OFFSET NOTE: SYSTEM CONVERTED TO MINIMUM PHASE
STRUCTURAL CORRECTIONS	DATUM ELEVATION: 500 M. DATUM VELOCITY: 3600 M./SEC. PROCESSING DATUM: 0 MS. ELEVATION, WEATHERING, AND DRIFT
NOTE: ALL FOLLOWING TIMES REFERENCED FROM PROCESSING DATUM	
ANALYSIS	PRELIMINARY VELOCITIES AND STATICS
STATICS TRACE KILLS	SURFACE STACK RESIDUAL
VELOCITY ANALYSIS FINAL MOVEOUT	INTERVAL: 48 CDPS
MEAN SCALING	WINDOW: 300-2500 MS.
TIME-VARIANT SCALING	WINDOW: 0-300 MS.
MUTE DISTANCE(M.) TIME(MS.)	300 3620 300 2050
STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 300-2500 MS.
TRACE GATHER	MAXIMUM FOLD: 87
STATICS	CDP CROSS CORRELATION WINDOW: 300-2500 MS.
STACK	CROSS CORRELATION WEIGHTED
F-D MIGRATION	85 % THEORETICAL VELOCITIES
FILTER	8/12-100/120 HZ.
EQUALIZATION	MEAN WINDOW: 300-2500 MS.

SCALE : 24 TRACES / IN.
3.75 IN. / SECOND

NOTE : MIGRATION APPLIED ONLY TO
S.P. 101 - S.P. 401 AND
S.P. 760 - S.P. 861

PLOTTED EVERY 2ND CDP

TRIATHLON

PROJ. NO. 9229 B59 5E

LINE NO. LR-97-1

PART NO. 1 OF 1

R.R. 8X