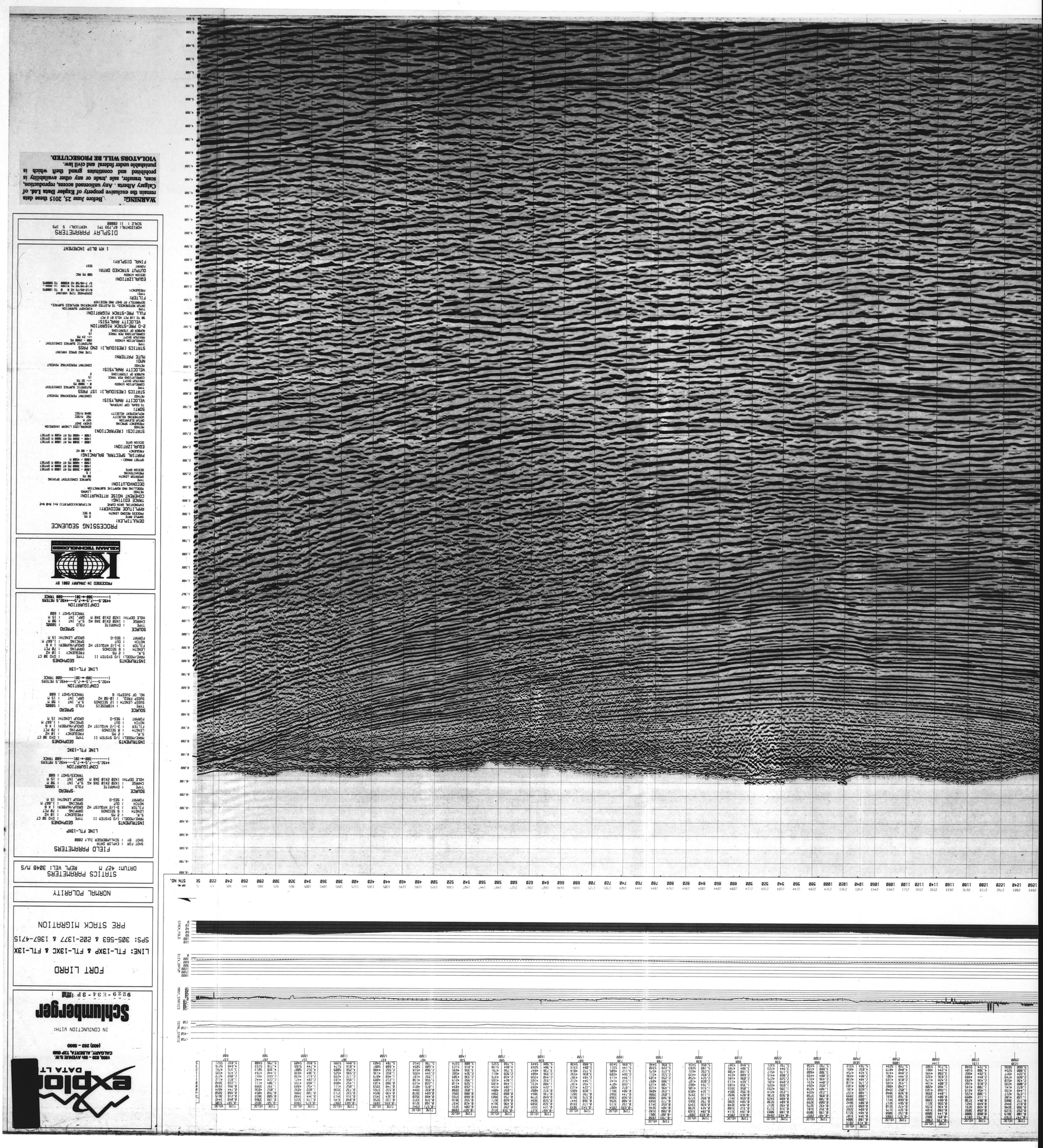
TRIATHLON PROJ. NO. 9229-E34-3P LINE NO. FTL-13 PART NO. 1 OF 2 R.R. 10X



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DISPLAY PARAMETERS
HORIZONTAL: 8/.733 TPI VERTICAL: 5 IPS
SCALE 1: 20000

PROCESSING SEQUENCE
DEMULTIPLEX:
SWEEP RATE 2 MS
PROCESS RECORD LENGTH 6 SEC
AMPLITUDE RECOVERY:
EXPONENTIAL GAIN CURVE
TRACE EDITING: MITIGATE(EXPERT) M=1 P=0 N=2
COHERENT NOISE ATTENUATION: LINEAR
MODELING AND ADAPTIVE SUBTRACTION
DECONVOLUTION:
TYPE SURFACE CONSISTENT SPIKING
OPERATOR LENGTH 80 MS
PREWHITENING 1 %
DYNEST RANGE:
DESIGN GATE 1500 - 4000 MS AT 1000 M OFFSET
1000 - 4500 M
PRIMIAL SPECTRAL BALANCING:
FREQUENCY 8 - 80 HZ
DESIGN GATE 1400 - 3500 MS AT 1000 M OFFSET
1400 - 3500 MS AT 3000 M OFFSET
1500 - 4000 MS AT 4500 M OFFSET
1000 - 4500 M
EQUALIZATION:
DESIGN GATE 1000 - 3500 MS AT 1000 M OFFSET
1400 - 3500 MS AT 3000 M OFFSET
STATICS: (REFRACTION) EXPANDED LINEAR INVERSION
METHOD
FREQUENCY SPECING
DATUM ELEVATION 427 M
REPLACEMENT VELOCITY 3048 M/SEC
SUBSTITUTE VELOCITY 762 M/SEC
TO EQUAL CDP INTERVAL
STATICS (RESIDUAL): 1ST PASS
VELOCITY ANALYSIS: CONSTANT PERCENTAGE ROVEOUT
METHOD
TYPE AUTOMATIC SURFACE CONSISTENT
CORRELATIONS PER TRACE +/- 32 MS
MAXIMUM SHIFT 8 - 3000 MS
NUMBER OF ITERATIONS 2
VELOCITY ANALYSIS: CONSTANT PERCENTAGE ROVEOUT
METHOD
NMO: TIME AND SPACE VARIANT
FLUIE PATTERN:
STATICS (RESIDUAL): 2ND PASS
TYPE AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW 200 - 2000 MS
MAXIMUM SHIFT +/- 24 MS
CORRELATIONS PER TRACE 15
NUMBER OF ITERATIONS 2
VELOCITY ANALYSIS: CONSTANT PERCENTAGE ROVEOUT
METHOD
2-D PRE-STACK MIGRATION
90 TO 110 MCI WLS BY 2 MCI
FULL PRE-STACK MIGRATION:
TYPE KIRCHOFF SUMMATION
DATUM REFERENCED, TO PLOTTED GEOMETRY REPLACED SURFACE, SEPARATELY AT SHOT AND RECEIVER
FILTER: ZERO-PHASE TIME VARIANT
FREQUENCY: 0/12-65/75 HZ @ 0 TO 1000MS
3/18-30/40 HZ @1500 TO 2000MS
3/ 7-40/50 HZ @2000 TO 6000MS
DESIGN WINDOW 500 MS RCC
OUTPUT STACKED DATA: FORMAT SEGY
FINAL DISPLAY: 1 KM BLIP INCREMENT

PROCESSED IN JANUARY 2001 BY

CONFIGURATION
4492.5---2.5-m-2.5---4492.5 METERS
1----------300-m-301-----600 TRACE

LINE FTL-13X

INSTRUMENTS GEOPHONES
FRAME/MODEL: I/O SYSTEM II TYPE : OYO 30 CT
S.R. : 2 MS FREQUENCY : 10 HZ
LENGTH : 6 SECONDS DEPTHING : 70 FCT
FILTER : 3-1/2 NYQUIST HZ GROUP/NUMBER: 1 X 6
NOTCH : OUT SPACING : 1.667 M
FORMAT : SEG-D GROUP LENGTH: 15 M
SOURCE SPREAD
TYPE : DYNAMITE FOLD : 5000%
CHARGE : 1X20 2X10 3X6 4G S.P. INT : 90 M
HOLE DEPTH: 1X20 2X10 3X6 M GRP. INT : 15 M
TRACES/SHOT : 600

LINE FTL-13XP

INSTRUMENTS GEOPHONES
FRAME/MODEL: I/O SYSTEM II TYPE : OYO 30 CT
S.R. : 2 MS FREQUENCY : 10 HZ
LENGTH : 6 SECONDS DEPTHING : 70 FCT
FILTER : 3-1/2 NYQUIST HZ GROUP/NUMBER: 1 X 6
NOTCH : OUT SPACING : 1.667 M
FORMAT : SEG-D GROUP LENGTH: 15 M
SOURCE -SPREAD
TYPE : DYNAMITE FOLD : 5000%
CHARGE : 1X20 2X10 3X6 4G S.P. INT : 90 M
HOLE DEPTH: 1X20 2X10 3X6 M GRP. INT : 15 M
TRACES/SHOT : 600

CONFIGURATION
4492.5---2.5-m-2.5---4492.5 METERS
1----------300-m-301-----600 TRACE

LINE FTL-13XC

INSTRUMENTS GEOPHONES
FRAME/MODEL: I/O SYSTEM II TYPE : OYO 30 CT
S.R. : 2 MS FREQUENCY : 10 HZ
LENGTH : 6 SECONDS DEPTHING : 70 FCT
FILTER : 3-1/2 NYQUIST HZ GROUP/NUMBER: 1 X 6
NOTCH : OUT SPACING : 1.667 M
FORMAT : SEG-D GROUP LENGTH: 15 M
SOURCE SPREAD
TYPE : VIBROSEIS FOLD : 5000%
SWEEP LENGTH : 12 SECONDS S.P. INT : 90 M
SWEEP FREQ. : 10-90 HZ GRP. INT : 15 M
NO. OF SWEEPS: 6 TRACES/SHOT : 600

CONFIGURATION
4492.5---2.5-m-2.5---4492.5 METERS
1----------300-m-301-----600 TRACE

FIELD PARAMETERS
SHOT FOR : EXPLOR DATA
SHOT BY : SCHLUMBERGER JULY 2000

STATICS PARAMETERS
DATUM: 427 M REPL VEL: 3048 M/S

NORMAL POLARITY

PRE STACK MIGRATION

SPS: 305-563 & 202-1377 & 1367-4715
LINE: FTL-13XP & FTL-13XC & FTL-13X

FORT LIARD

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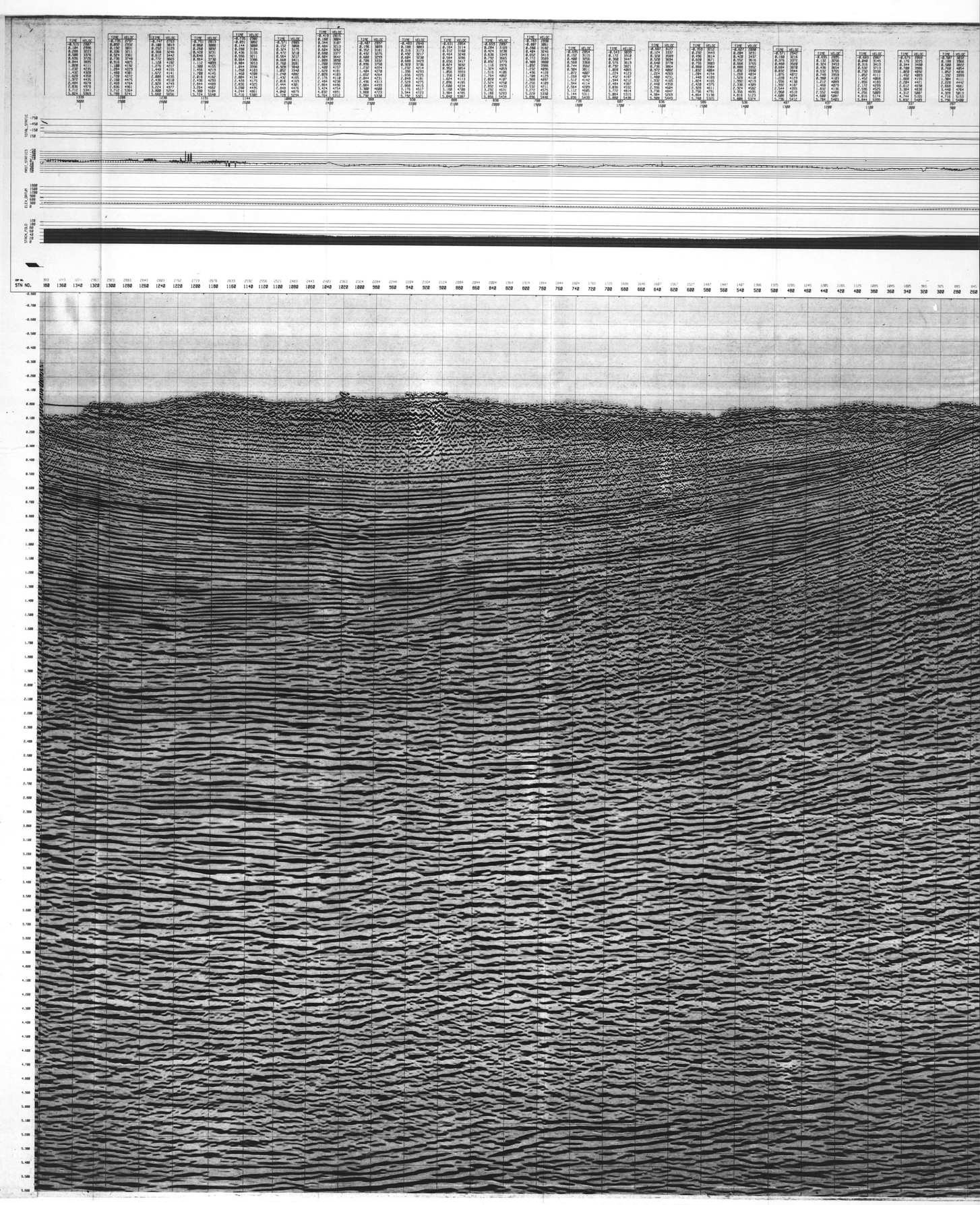
IN CONJUNCTION WITH:
Schlumberger
9229-E34-3P

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