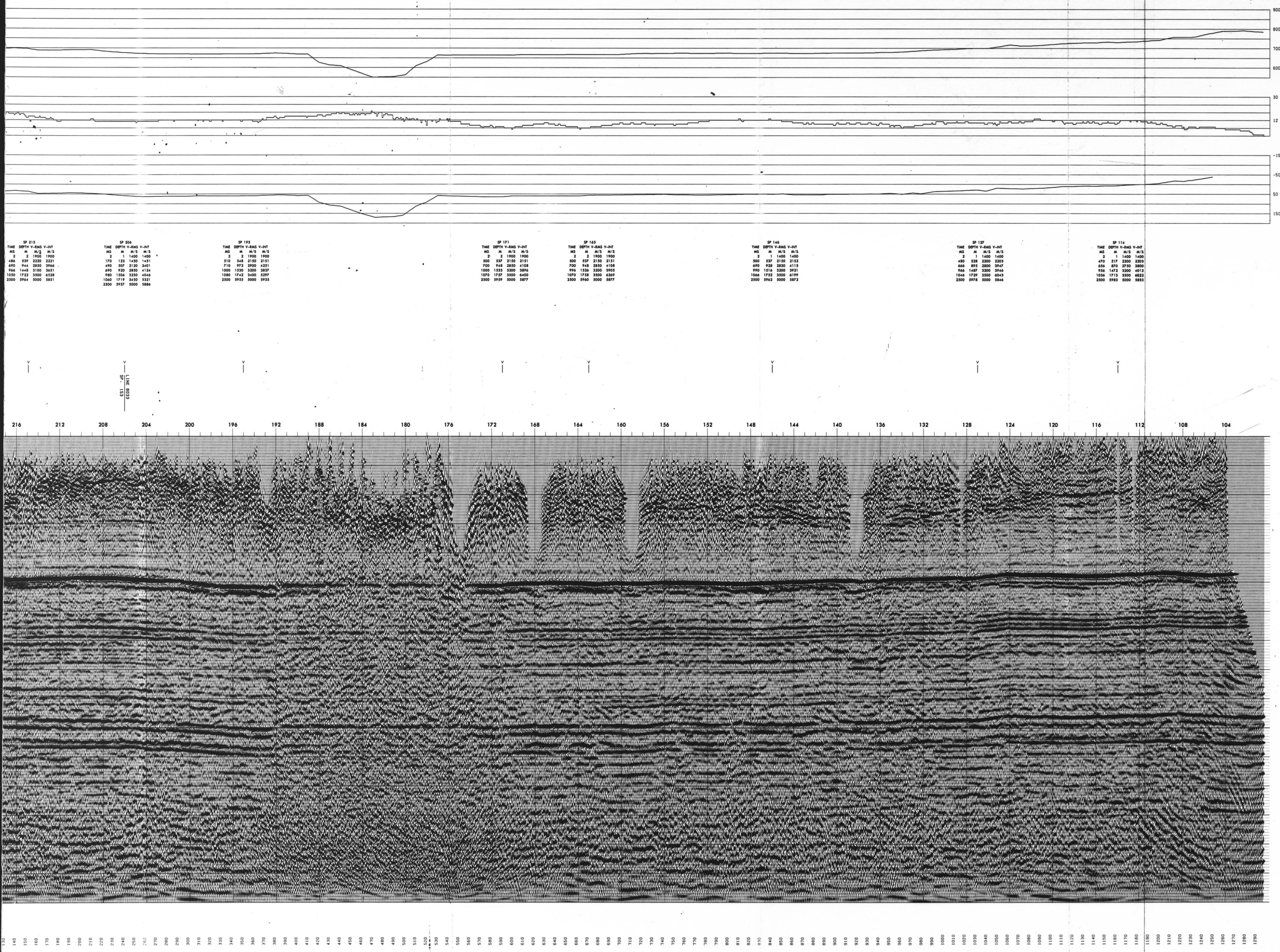




CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8035
SHOTS: 105 - 230
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: FEB. 1985

SPREAD
SHOOTING DIRECTION: SW TO NE
STATION INTERVAL: 50 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1200-40-X-60-1200 METERS

INSTRUMENTS
RECORD LENGTH: 4 SEC
FILTER: 12/18 - 128/72 HZ/OH/OCT
NOTCH FILTER: CUT
TAPE FORMAT: SEOB 120 TRACES

RECEIVERS
TYPE: GEOSPAC GS200 14 HZ
NUMBER PER GROUP: 9
SPACING: 2.5 METERS

SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/2 KG EACH HOLE
SOURCE LAYOUT: 5 HOLES IN LINE

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA
DATE: APRIL 1985

DEMUTIPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 2.0 SEC
REFORMAT TO: SEGY, 32 BIT, FLOATING POINT

AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS.
EXPONENTIAL GAIN: 14dB/SEC. FROM 0 TO 2000 MS.

DECONVOLUTION
TIME CONSTANT: 80 MS
OPERATOR LENGTH: 0.1%
PREWHITE: 1100 MS.
DESIGN WINDOW LENGTH: 1100 MS.

STATICS
SHIFT SHOT AND RECEIVER STATICS
DATUM: 750 METERS
REPLACEMENT VELOCITY: 2100 M/S
WEATHERING VELOCITY: 610 M/S

PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 4 KM

RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 400 - 1100 MS

VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 2 KM
VERIFICATION: COMMON OFFSET STACK

NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION

FRONT MUTE
RANGE (M): 240, 280, 720, 1220, 2440
TIME (MS): 0, 250, 700, 900, 1800

TRIM STATICS
WINDOW: 400 - 1100 MS
MAXIMUM ALLOWABLE STATIC: 8 MS.

CDP STACK
FOLD: 1200%

WAVE EQUATION MIGRATION
50 PCT. OF INTERVAL VELOCITY APPLIED

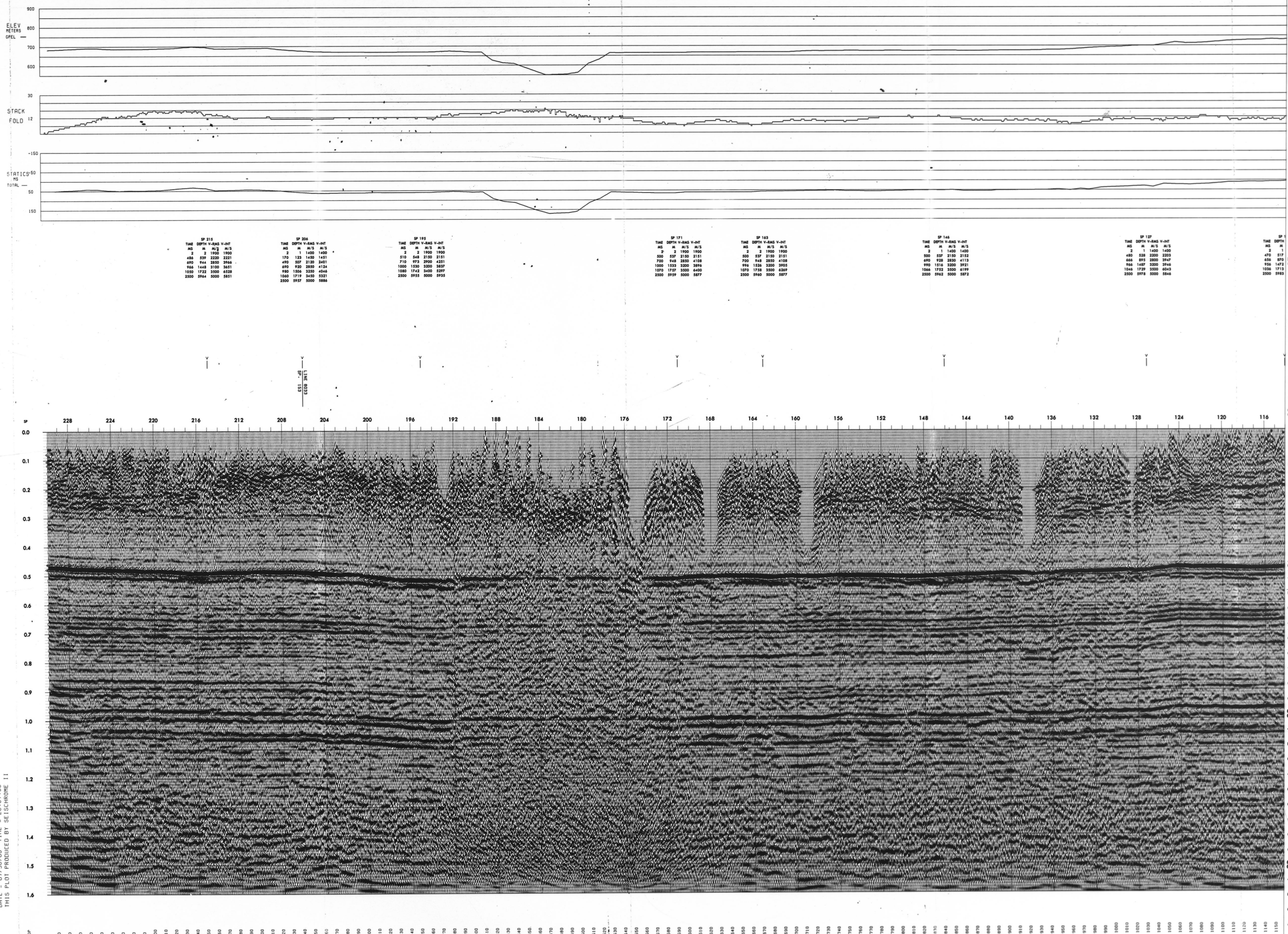
FILTER
TYPE: TRAPEZOIDAL ZERO PHASE
20 - 25 - 75 - 95 HZ

TRACE EQUALIZATION
SLIDING WINDOW LENGTH: 400 MS.
PERCENT: 100 %

DISPLAY
HORIZONTAL SCALE: 36 TR/INCH
VERTICAL SCALE: 7.5 INCHES/SEC

REMARKS: LINE TIES ESTIMATED FROM 0.1 - 1.0 SEC BEFORE DECONVOLUTION, FRONT MUTE AND BANDPASS
SPECIAL PROCESSING BETWEEN 0.77 - 1.05 SEC BEFORE DECONVOLUTION, FRONT MUTE AND BANDPASS
FILTER TO REMOVE LINEAR NOISE TRANS, TRACE EQUALIZATION

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON



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JOB  = CAMERON      LINE = 8035
NAME = NATCFLM      PART  = 1
SEC  = 31SL
DESC = MIGRATED STACK - NORMAL
DATE = 07/30/85     TIME = 20:07:38
THIS PLOT PRODUCED BY SETSCHROE !!

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