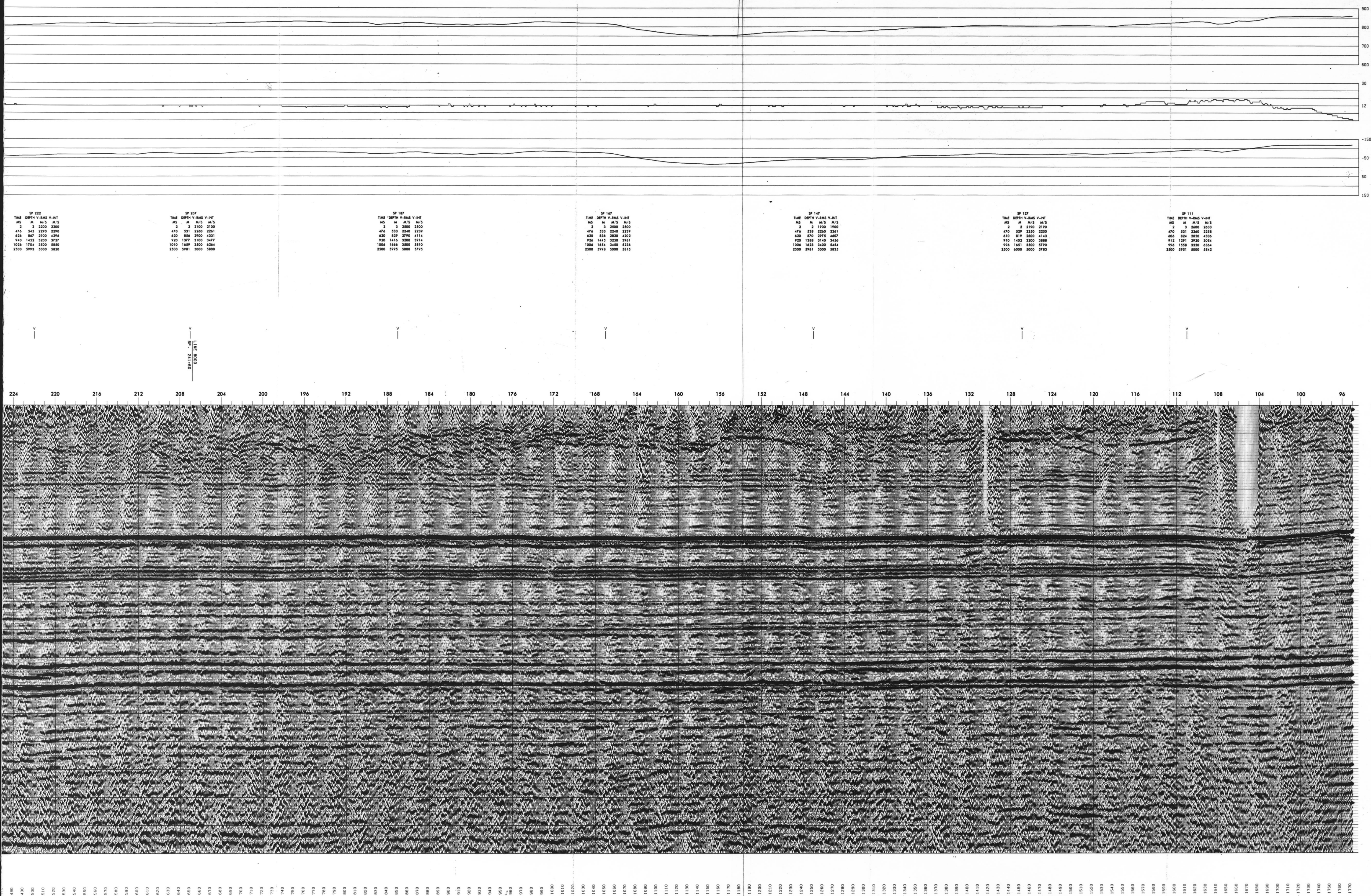




CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8027
SHOTS: 95-272
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

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

SPREAD
SHOOTING DIRECTION: SW TO NE
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1220-40-X-40-1220 METERS

INSTRUMENTS
WAKE/MODEL: DVS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 12/18 - 128 72 HZ/OB/OCT
NOTCH FILTER: OUT
TAPE FORMAT: SEGB 120 TRACES

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

SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 125KG. EACH HOLE
SOURCE LAYOUT: 5 HOLES IN LINE

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

DEMULPLEX
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: 1.48 SEC. FROM 0 TO 2000 MS.

DECONVOLUTION
TIME CONSTANT: 80 MS
OPERATOR LENGTH: 0.11
PREWHITE: 1100 MS.
DESIGN WINDOW LENGTH: 1100 MS.

STATICS
DRIFT 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 (MS) TIME (MS)
240 0
280 250
720 700
1220 900
2440 1800

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

CDP STACK
FOLD: 1200%

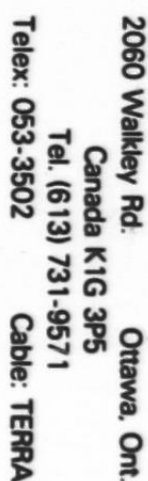
WAVE EQUATION MIGRATION
80 PCT. OF INTERVAL VELOCITY APPLIED

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 11 M

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON



PROJ. NO.

9

2

2

6

1

3



5

■

3

10

AB

ON

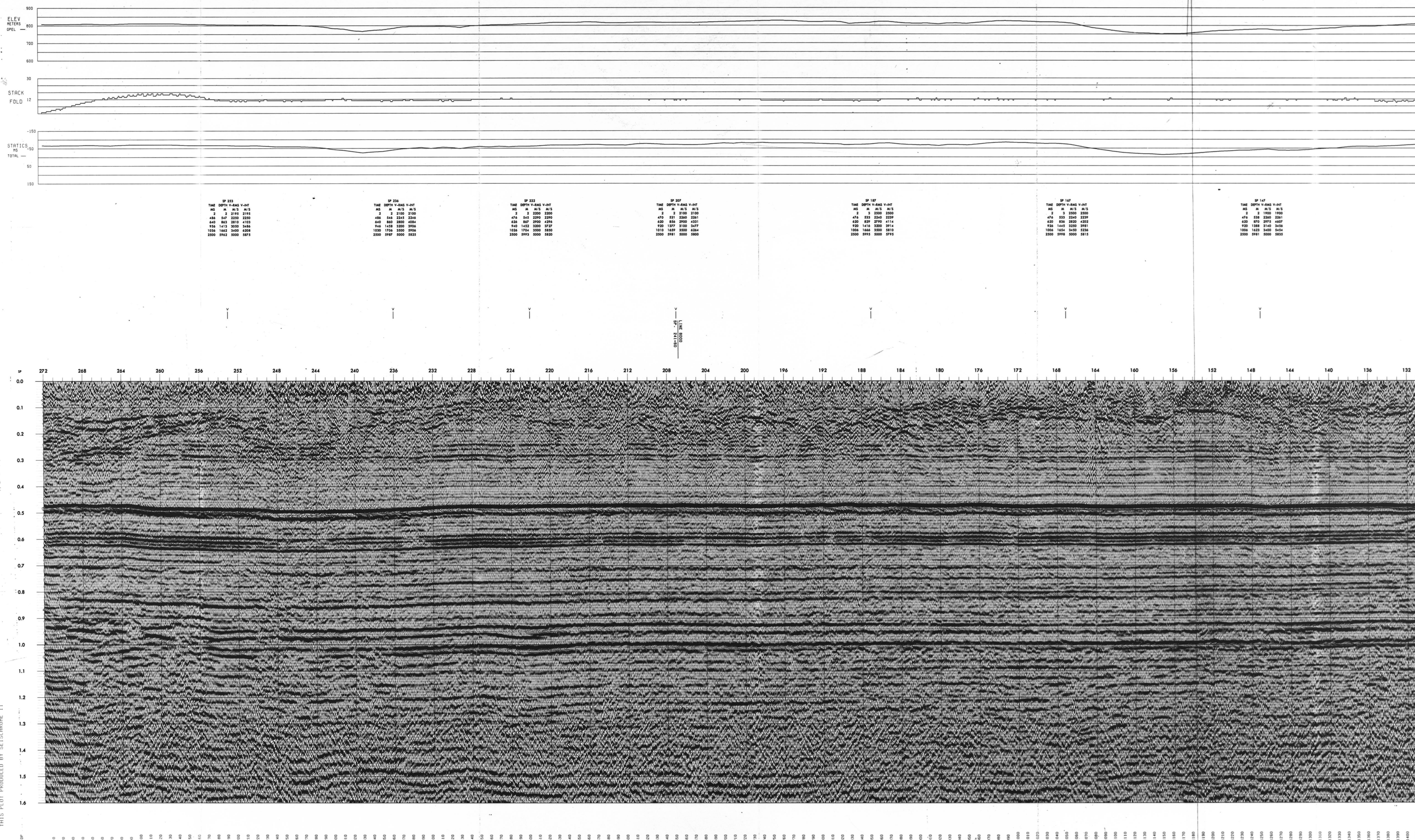
2

0

D3

R.F.

8x8



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JOB      = CAMERON, LINE = 8027
NAME     = MULTIFILM, PART = 1
SE0      = 31SF
DESC     = MIGRATED STACK - NORMAL
DATE     = 07/30/85, TIME = 08:49:15
THIS PLOT PRODUCED BY SEISCHROME II

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