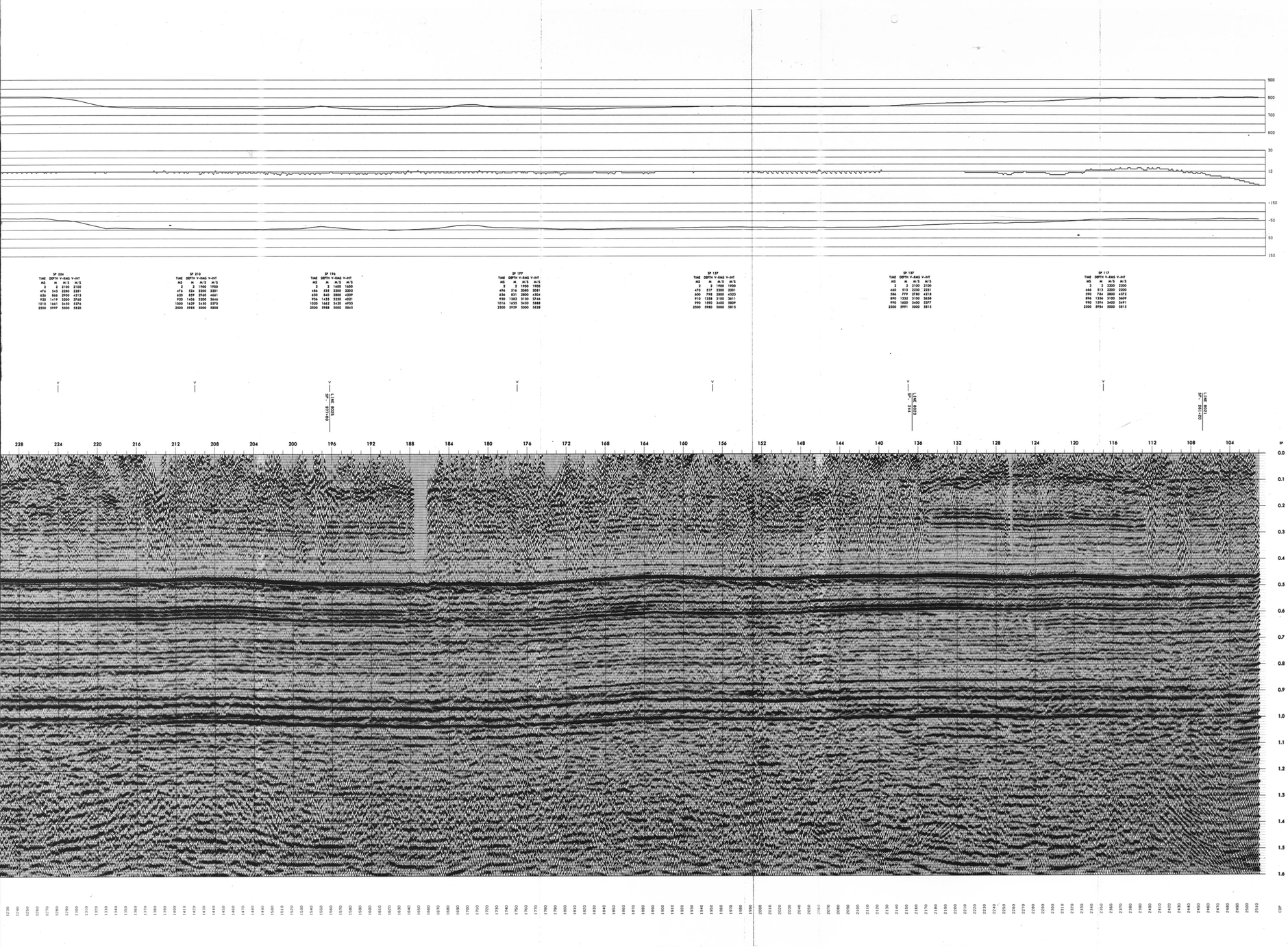


98282

Seiscom Delta United

CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8000
SHOTS: 101 - 352
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
SE
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

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

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

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

RECEIVERS
- TYPE: GEOSPACE GS20D 14 HZ
- NUMBER PER GROUP: 9
- SPACING: 2.5 METERS

SOURCE
- TYPE: DYNAMITE
- CHARGE SIZE: 1/2 K.G. EACH HOLE
- SOURCE LAYOUT: 5 HOLES INLINE

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

DEMULTIPLEX
- 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
- TYPE: SPIKING
- OPERATOR LENGTH: 80 MS
- PREWHITE: 0.1%
- DESIGN WINDOW LENGTH: 1100 MS.

STATICS
- DRIFT SHOT AND RECEIVER STATICS
- DATUM: 750 METERS
- REPLACMENT 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)	TIME (MS)
240	0
280	350
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 U.T.M
SURFACE CONSISTENT SHOT AND RECEIVER STATICS PICKED BETWEEN SP.147-160, SP.166-180

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON

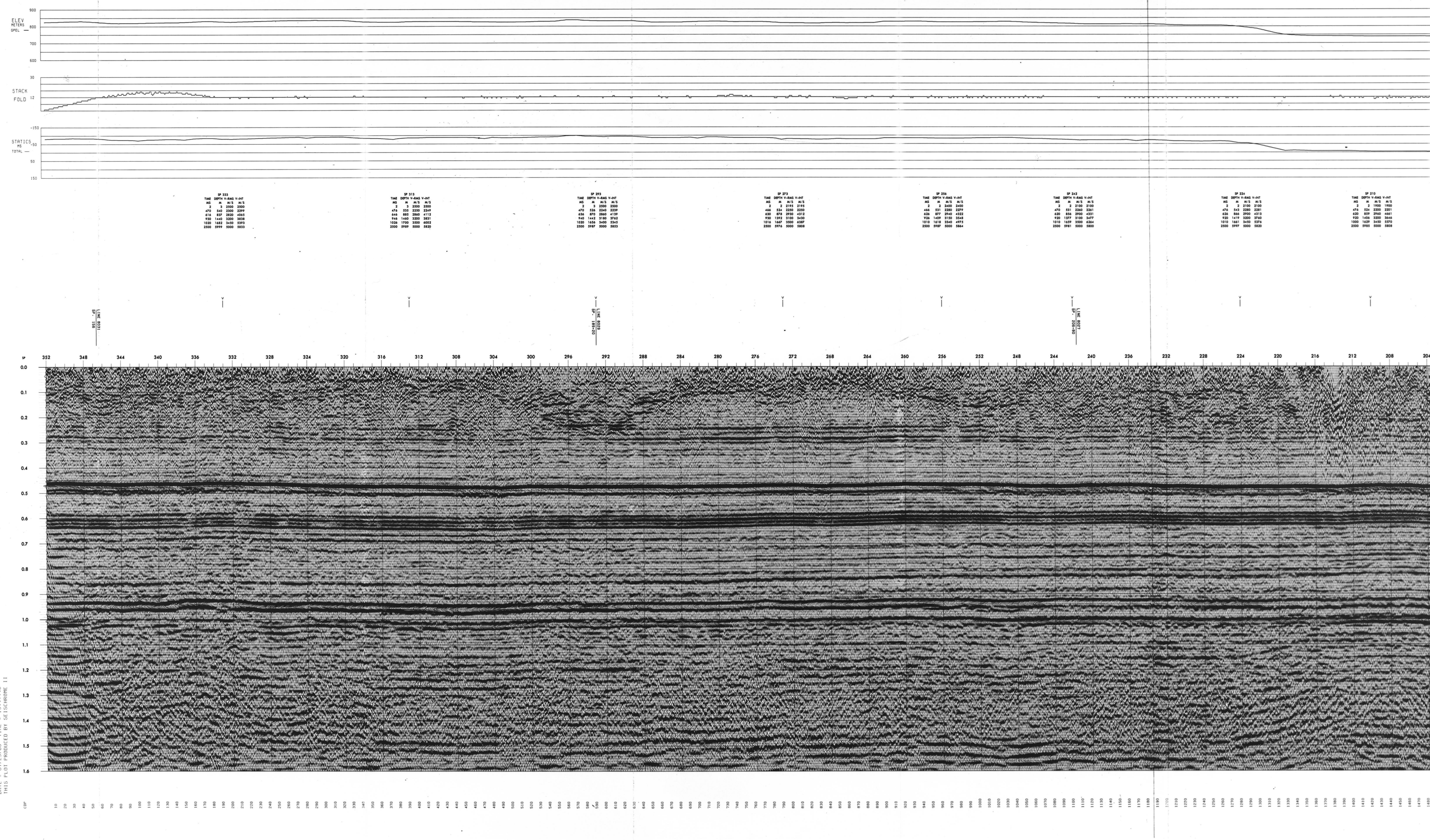
Terra Surveys Ltd.
2060 Walkley Rd.
Ottawa Ont.
Canada K1G 3P5
Tel. (613) 731-8571
Telex: 053-3502
Cable: TERRA

PROJ. NO. 92299-P28-9E

LINE NO. 8000

PART NO. 1 OF 2

R.R. 8X



JOB = CAMERON LINE = 8000
NAME = NMIGFILM DEPT = 213
SEQ = 31SA PART = 1
DESC = MIGRATED STACK - NORMAL
DATE = 07/29/85 TIME = 19:47:40
THIS PLOT PRODUCED BY SEISCHROME II

terra
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-9E

LINE NO. 8000

PART NO. 2 OF 2

R.R.8X