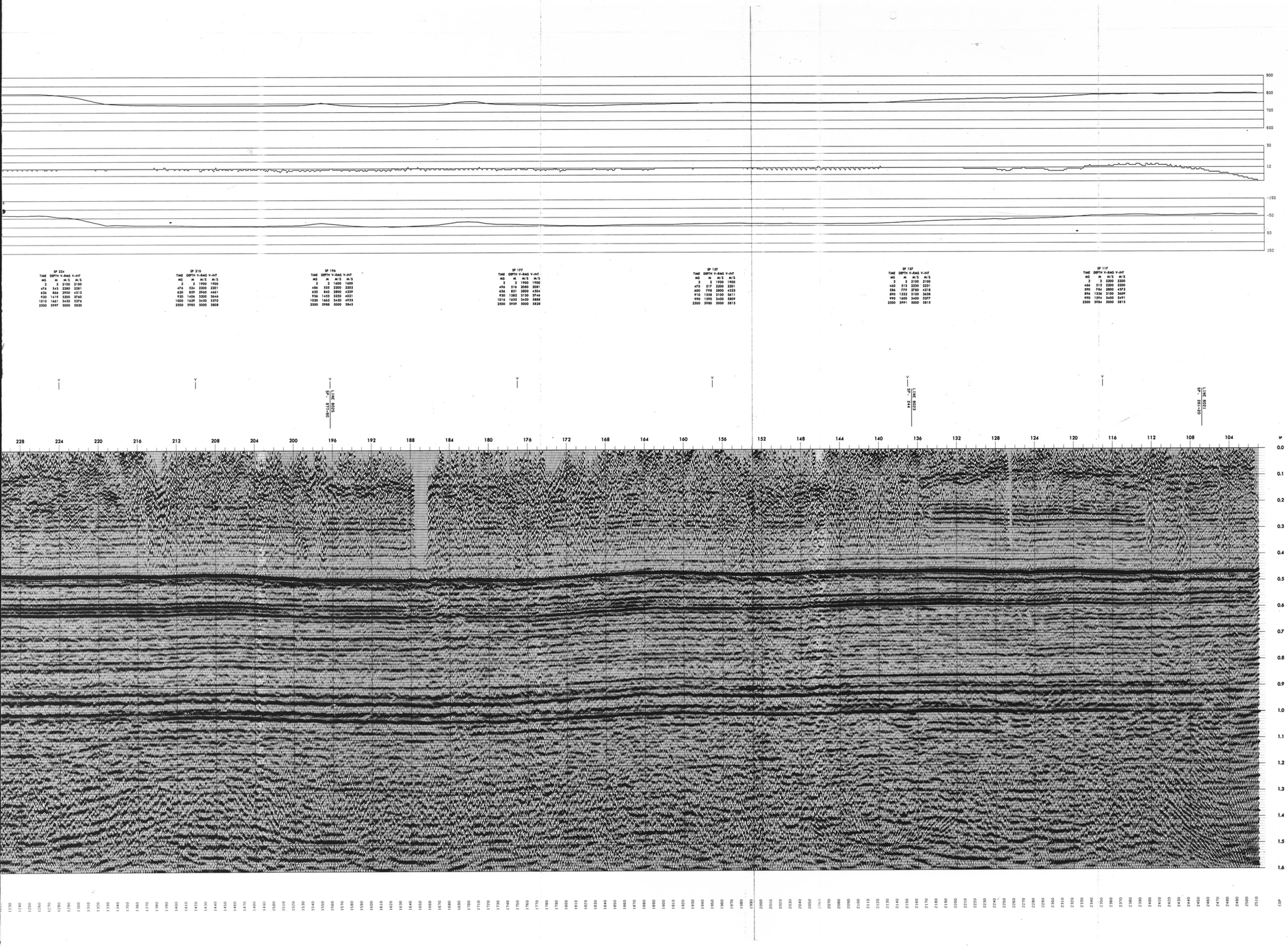


98282

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:	1220-40-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 KG. 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
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)	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
2000 Walley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-9E

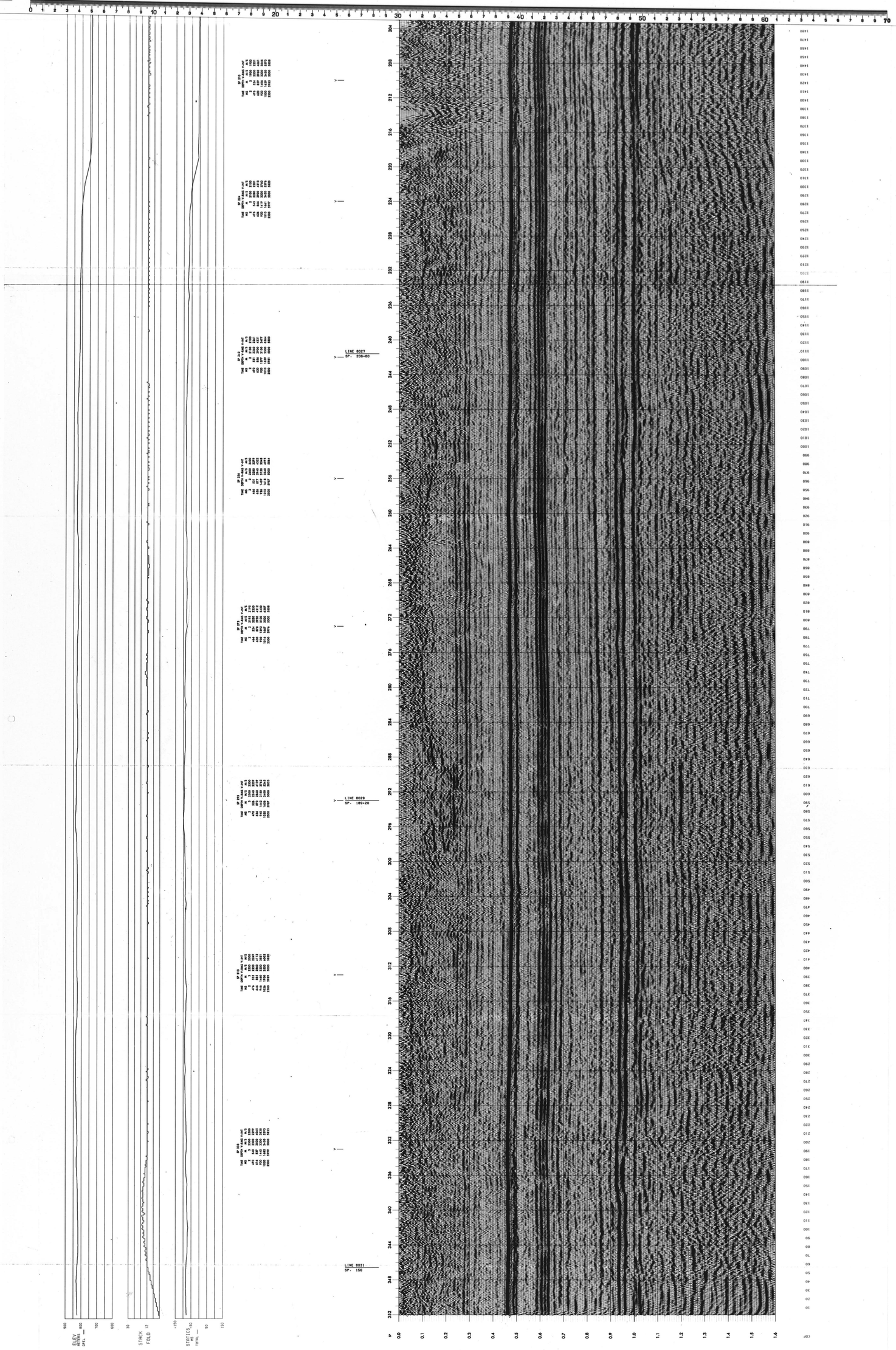
LINE NO. 8000

PART NO. 1 OF 2

R.R. 8X

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

PROJ. NO. 9 2 2 9 - P 2 8 - 9 E LINE NO. 8 0 0 0 PART NO. 2 OF 2 R.R. 8X



JOB = EBERSON PLTM = 8000
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DESC = MIGRATED STICK - NORMAL
DATE = 07/29/85 TIME = 19:47:40
THIS PLOT PRODUCED BY SEISCHROME II