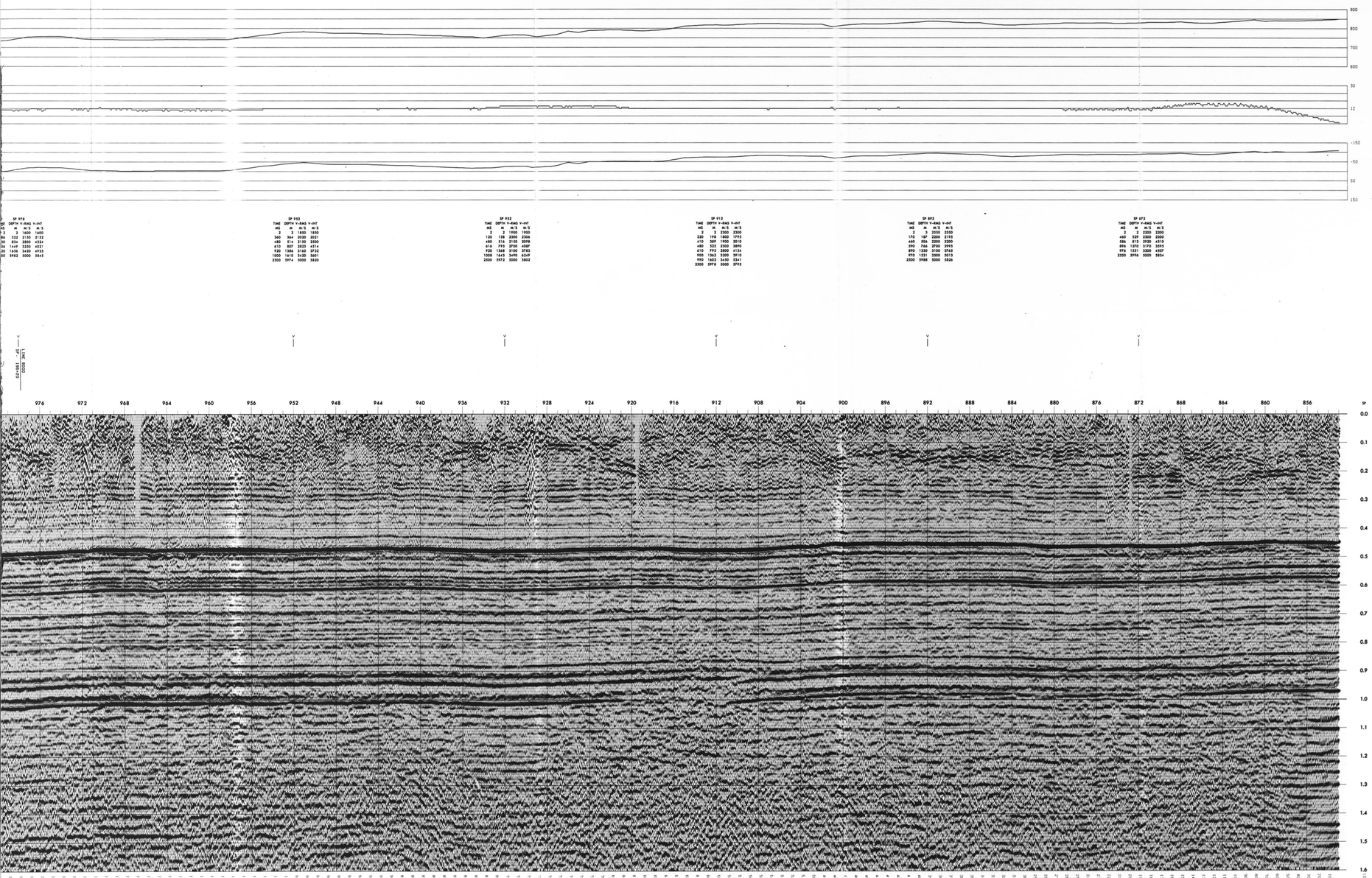

9229-P28-9E 98278

Seiscom Delta United

CLIENT:	PETRO-CANADA
AREA:	CAMERON HILLS
LINE:	8025
SHOTS:	853 - 1031
LOCATION:	NORTHWEST TERRITORIES
NTS:	85C
	NE
FOLD:	1200%
POLARITY:	NORMAL
PROCESS:	MIGRATED STACK

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

SPREAD
- SHOOTING DIRECTION: NE TO SW
- 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: 1/2KG. 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 1114

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON

terra
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3602 Cable: TERRA

PROJ. NO. 9229-P28-9E

LINE NO. 8025

PART NO. 1 OF 2

R.R. 8X

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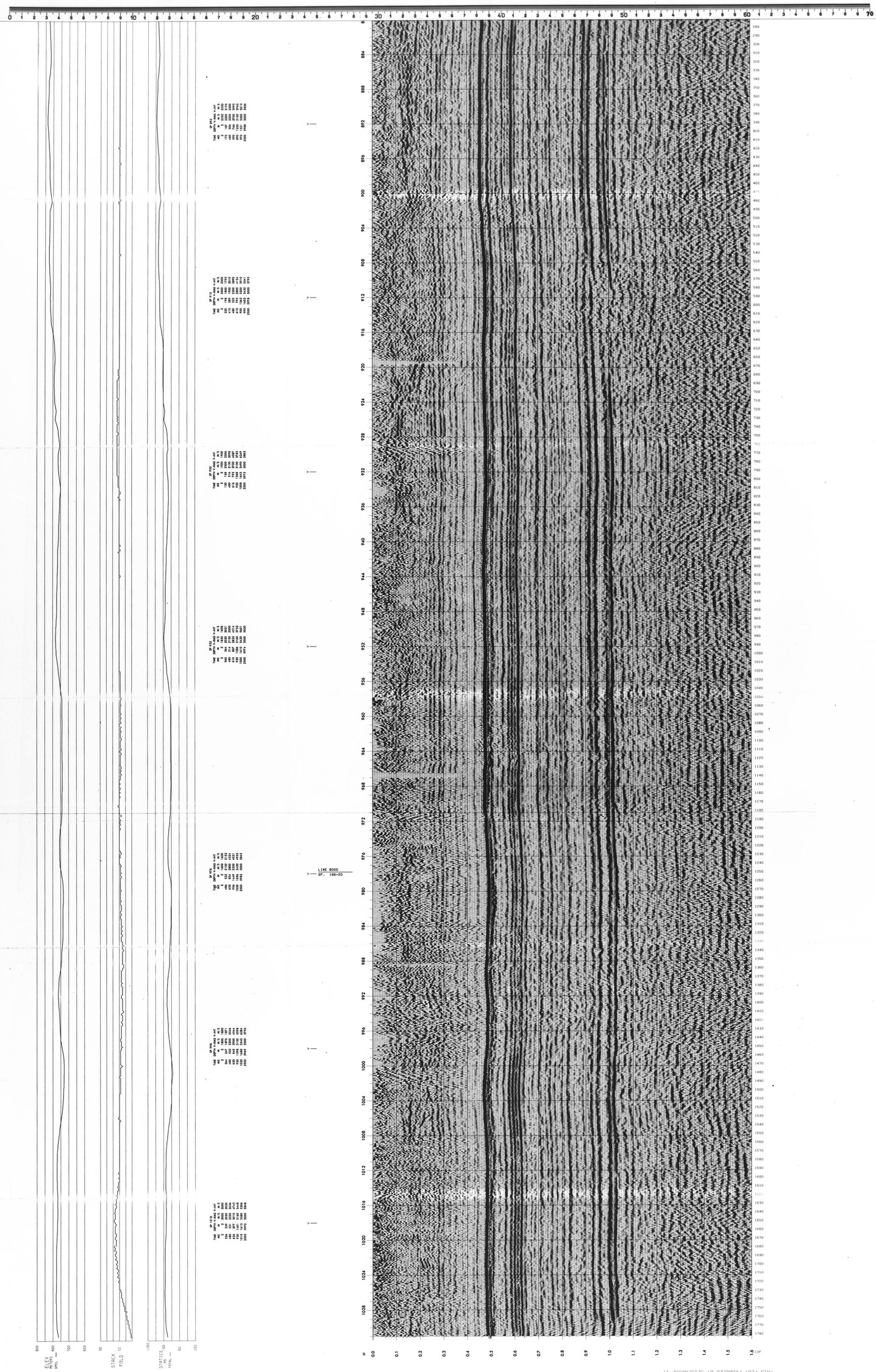
PROJ. NO. 9229-P28-9E LINE NO. 8025 PART NO. 2 OF 2 R.R. 8X



JOB : CAMERON LINE : 8025
SEQ : SPECTRUM PLOT : 11
DESC : MIGRATED STACK - NORMAL
DATE : 07/30/85 TIME : 07110131
THIS PLOT PRODUCED BY SCISCHROME 11