



CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8029
SHOTS: 100-378
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: FEB. 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: SEG 120 TRACES

RECEIVERS
NUMBER PER GROUP: GEOSPAC GS200 14 HZ
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

DEMULPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 2.5 SEC
REFORMAT TO: SEG 1, 32 BIT, FLOATING POINT

AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 400 MS
EXPONENTIAL GAIN: 14dB/SEC. FROM 0 TO 2000 MS.

DECONVOLUTION
TIME CONSTANT: SPOKE
TYPE: 80 MS
OPERATOR LENGTH: 0.1
PREWHITE: 1100 MS
DESIGN WINDOW LENGTH: 1100 MS

STATICS
DRIFT SHOT AND RECEIVER STATICS: 750 METERS
DATUM: 2100 M/S
REPLACEMENT VELOCITY: 610 M/S
WEATHERING VELOCITY: 1

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
900	900
1200	1200
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

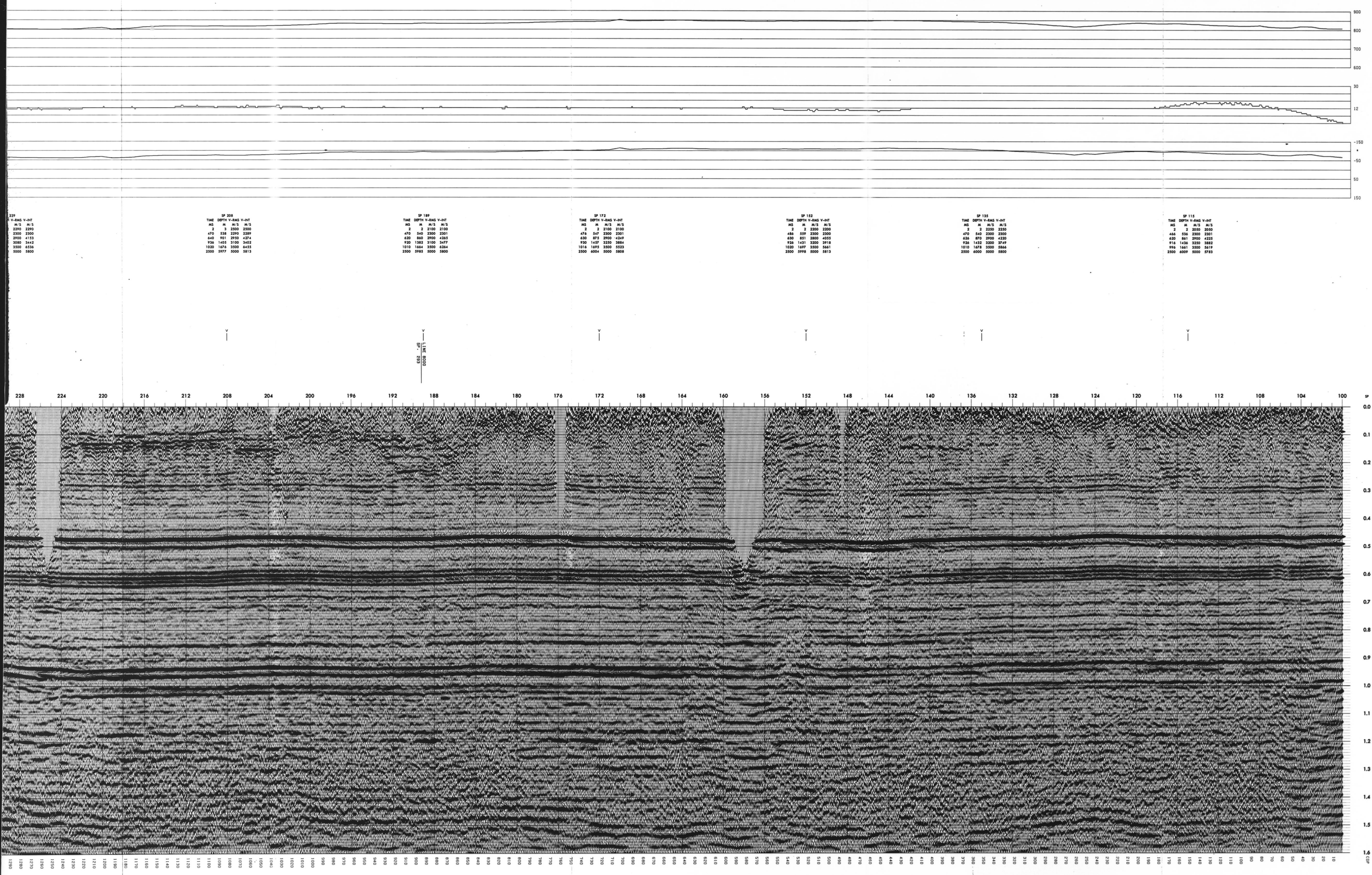
FILTER
TYPE: TRAPEZOIDAL, ZERO PHASE
SLIDING WINDOW LENGTH: 20 - 25 - 75 - 95 HZ

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 UTM
SURFACE CONSISTENT SHOT AND RECEIVER STATICS PICKED BETWEEN SP. 316-348

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON





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Tel: (613) 731-9571
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Cable: TERRA

PROJ. NO.

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LINE NO.

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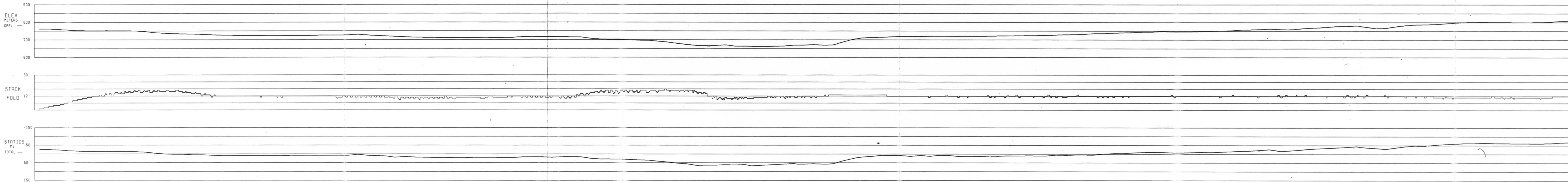
PART NO.

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OF

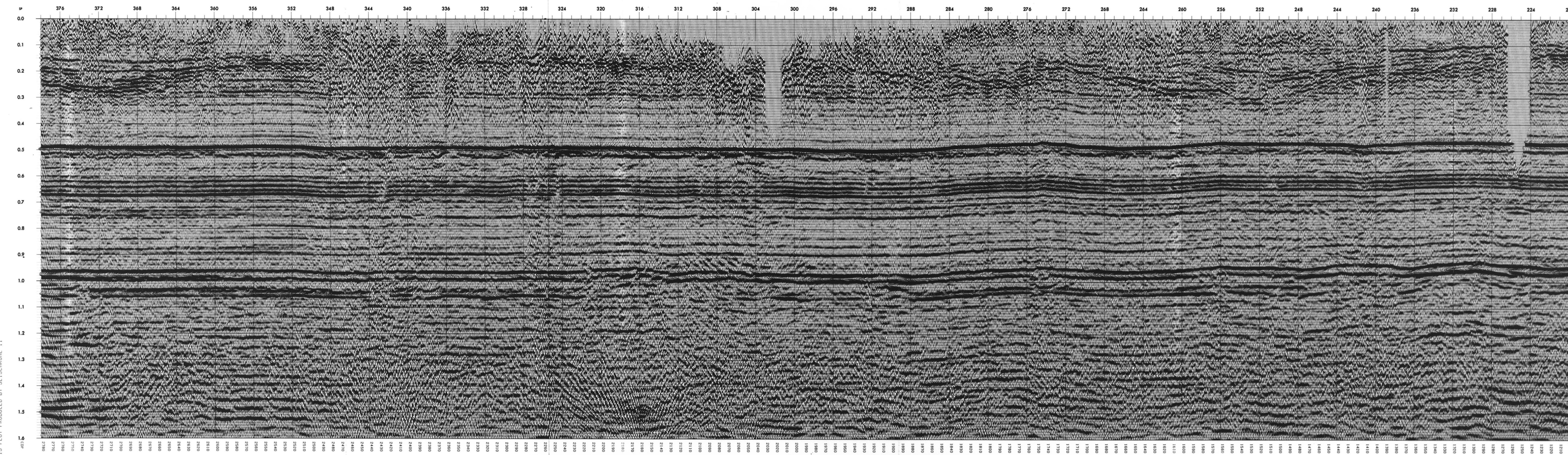
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R.R. 8X



SP 248									
TIME	DEPTH	V-ANG	V-DIP	V-ROT	NO	W	W-1	W-2	W-3
470	531	2300	2300	2300	2	2	2100	2100	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300
470	531	2300	2300	2300	470	531	2300	2300	2300

LINE NO. 8029
PART 2 OF 2
THIS PLOT PRODUCED BY SEISCHRON II



JOB = EARTHQUAKE LINE = 8029
REC = 3160
DESC = INTEGRATED STACK - NORMAL
THIS PLOT PRODUCED BY SEISCHRON II