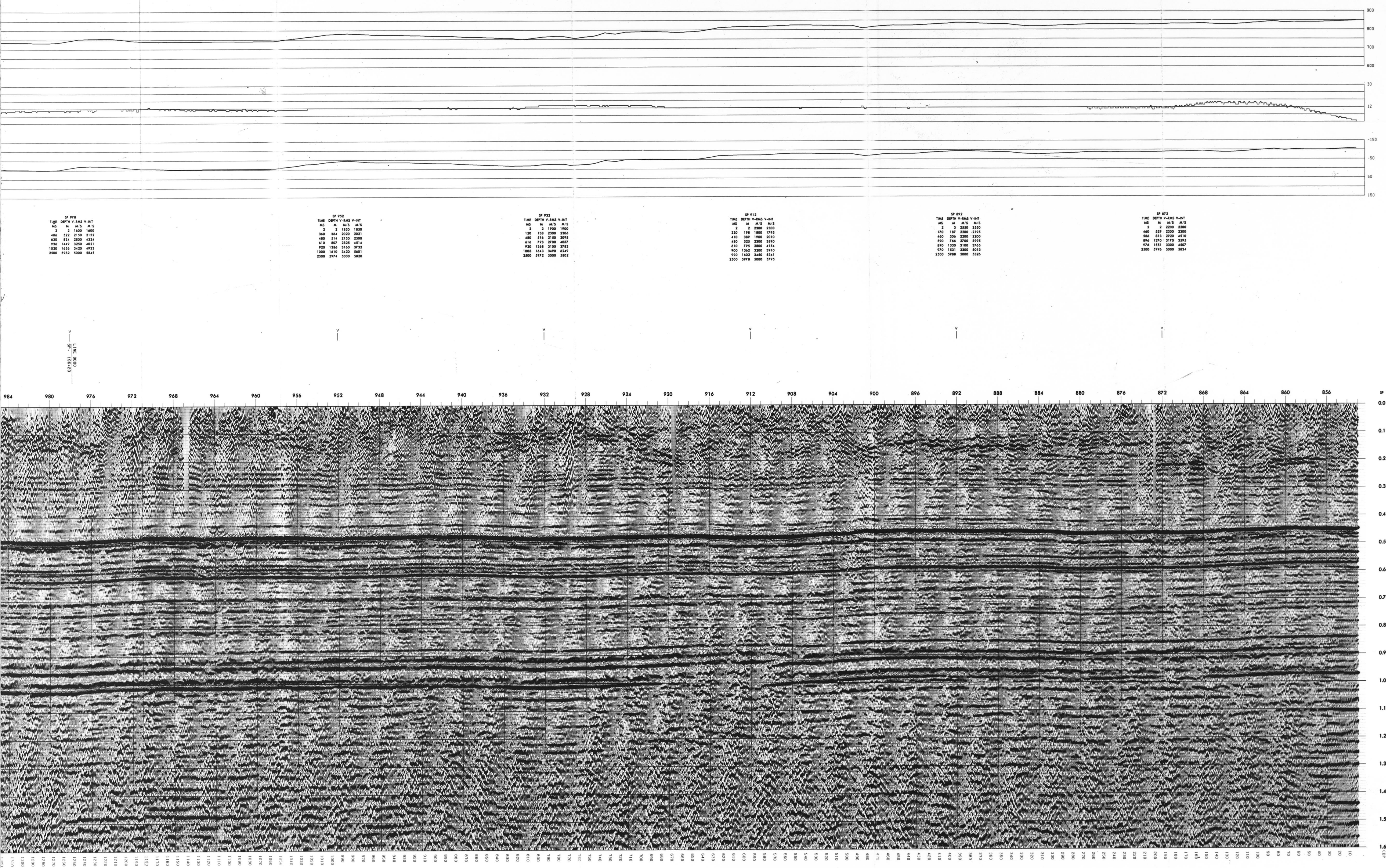




98278
Seiscom Delta
United

CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8025
SHOTS: 853 - 1031
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
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: 1200-40-X-40-1220 METERS
INSTRUMENTS
MAKE/MODEL: DFS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 12-18 - 128 HZ DB OCT
NOTCH FILTER: CUT
TAPE FORMAT: SEG8 120 TRACES
RECEIVERS
TYPE: GEOSPAC GS200 14 HZ
NUMBER PER GROUP: 9
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: 2.0 SEC
REFORMAT TO: SEG8, 32 BIT, FLOATING POINT
AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS.
EXPONENTIAL GAIN: 14dB SEC. FROM 0 TO 2000 MS.
DECONVOLUTION
TIME CONSTANT: SPK-NG
TYPE: OPERATOR LENGTH: 80 MS
PREWRITE: 0.1
DESIGN WINDOW LENGTH: 1100 MS
STATICS
DRIFT SHOT AND RECEIVER STATICS: 750 METERS
DYNAMIC: 2100 M/S
REPLACEMENT VELOCITY: 610 M/S
WEATHERING VELOCITY: 610 M/S
PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 4 CM
RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 400 - 1100 MS
VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 2 CM
VERIFICATION: COMMON OFFSET STACK
NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE
RANGE (M): 240
TIME (MS): 0
280
350
720
900
1220
2440
1800
TRIM STATICS
WINDOW: 400 - 1100 MS
MAXIMUM ALLOWABLE STATIC: 8 MS
CDP STACK
FOLD: 1200
WAVE EQUATION MIGRATION
50 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 111 M

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON



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T2C 1A1
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Fax: (403) 241-9572
Cable: TERMA

PROJ. NO. 9 2 2 9 - P 2 8 - 9 E

LINE NO. 8 0 2 5

PART NO. 1 OF 2

R.R. 8X

