

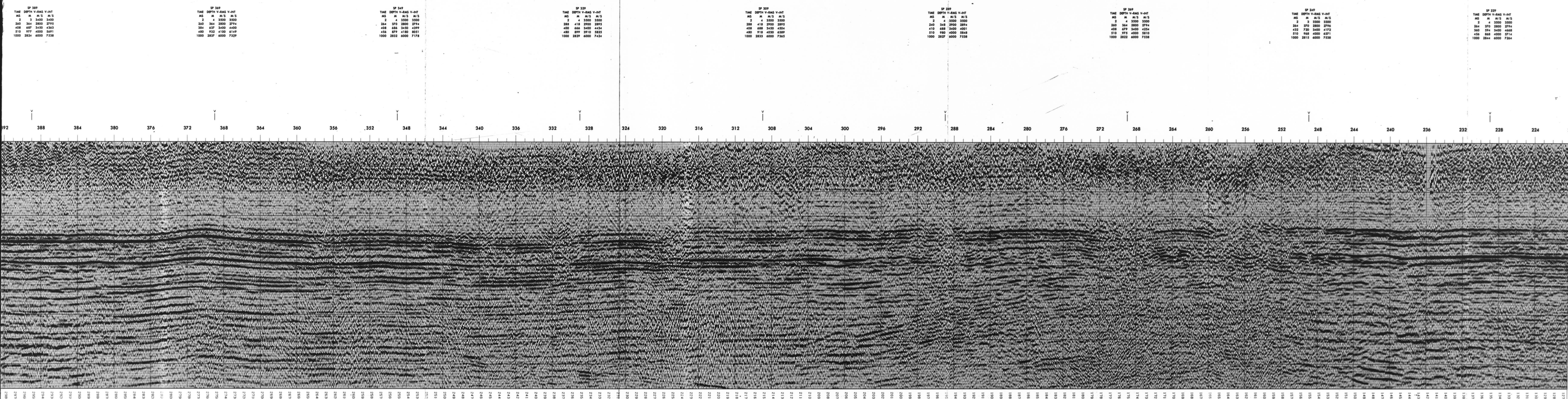
41748-8 516-02
SEISCOM Delta
LIMITED

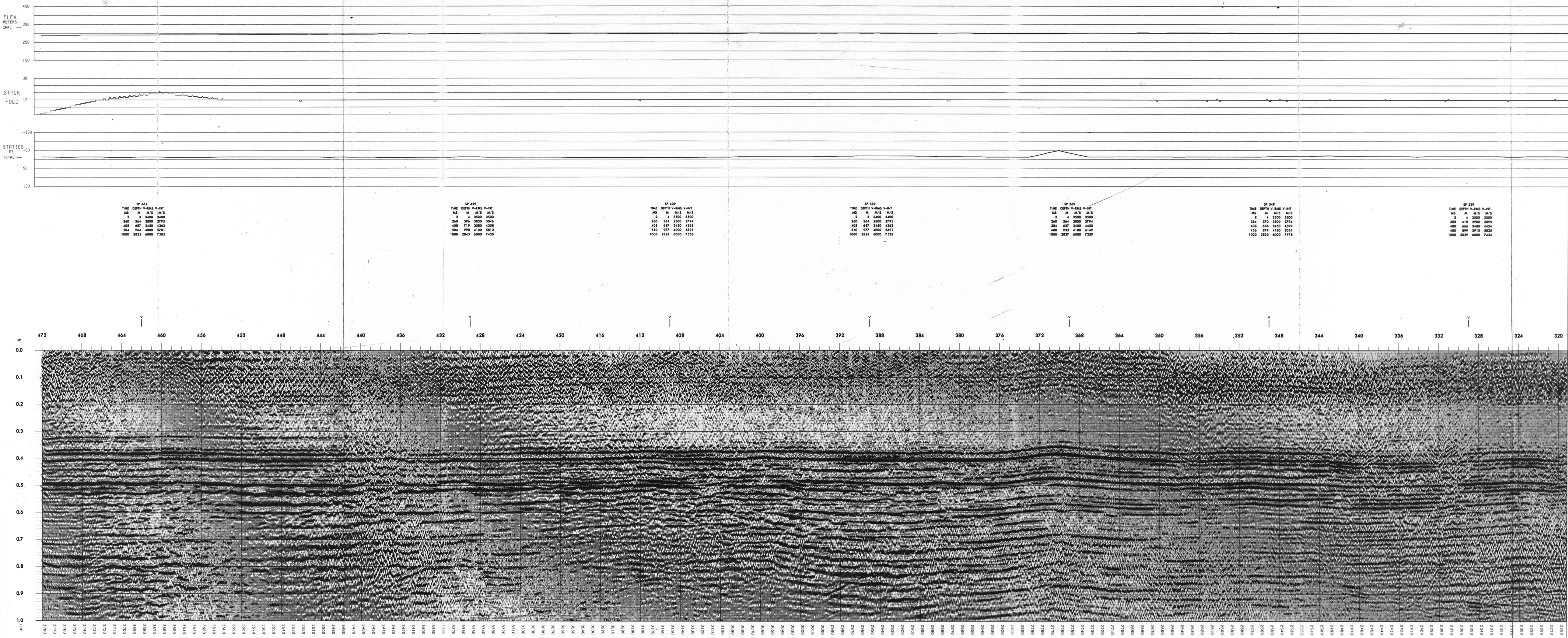
CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8007
SHOTS: 94-472
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: MARCH 1985
SPREAD
SHOOTING DIRECTION: NE TO SW
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1200-40-5-40-120 METERS
INSTRUMENTS
BLAKE/SCIOS: DVS V
SAMPLE RATE: 4 SEC
RECORD LENGTH: 1.2 SEC
NOTCH FILTER: 120 HZ
TAPE FORMAT: OUT
RECEIVERS
TYPE: 3008 120 TRACES
NUMBER PER GROUP: 12
SPACING: 2.5 METERS
SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1.2 KG EACH HOLE
SOURCE LAYOUT: 2 OR 3 HOLES IN LINE OVER 80 M

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA
DATE: MAY 1985
DEMULTIPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 1.0 SEC
REFORMAT TO: 8000 2.5 SEC, FLOATING POINT
AMPLITUDE RECOVERY
SPECTRAL DECONVOLUTION: 10 400 MS
EXPONENTIAL GAIN: 14dB/SEC
DECONVOLUTION
TYPE: TIME CONSTANT
OPERATOR LENGTH: 80 MS
PREWITT: 0.15
DESIGN WINDOW LENGTH: 400 MS
STATICS
SURF SHOT AND RECEIVER STAKES
DATE: 300 METERS
REPLACEMENT VELOCITY: 4000 M/S
WEATHERING VELOCITY: 610 M/S
PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCE)
INTERVAL: EVERY 4 CM
RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 300 TO 400 MS
VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCE)
INTERVAL: EVERY 2 CM
VERIFICATION: COMMON OFFSET STACK
NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE
RANGE (M): 200
TIME (MS): 200
200
1200
CDP STACK
FOLD: 1200
WAVE EQUATION MIGRATION
NO PCT. OF INTERVAL VELOCITY APPLIED
FILTER
TYPE: TRAVERSEAL ZERO PHASE
20 - 20 - 80 - 100 HZ
TRACE EQUALIZATION
SLIDING WINDOW LENGTH: 400 MS
PERCENT: 100
DISPLAY
HORIZONTAL SCALE: 36 IN/INCH
VERTICAL SCALE: 7.5 INCHES/SEC
REMARKS
LINE TIES ESTIMATED FROM 12.1M
SOURCE CONSISTENT SHOT & RECEIVER STAKES RICHED BETWEEN 5.0 200 - 200

PROCESSED BY: W. DOUGHERTY
QUALITY CONTROL BY: C. MORRISON





NOISE - GATEWAY - LINE = 8007
REC = 9760 PART = 11
DESC = HIGHLY STACK - NORMAL
THIS PLOT PRODUCED BY SEISCHROME II