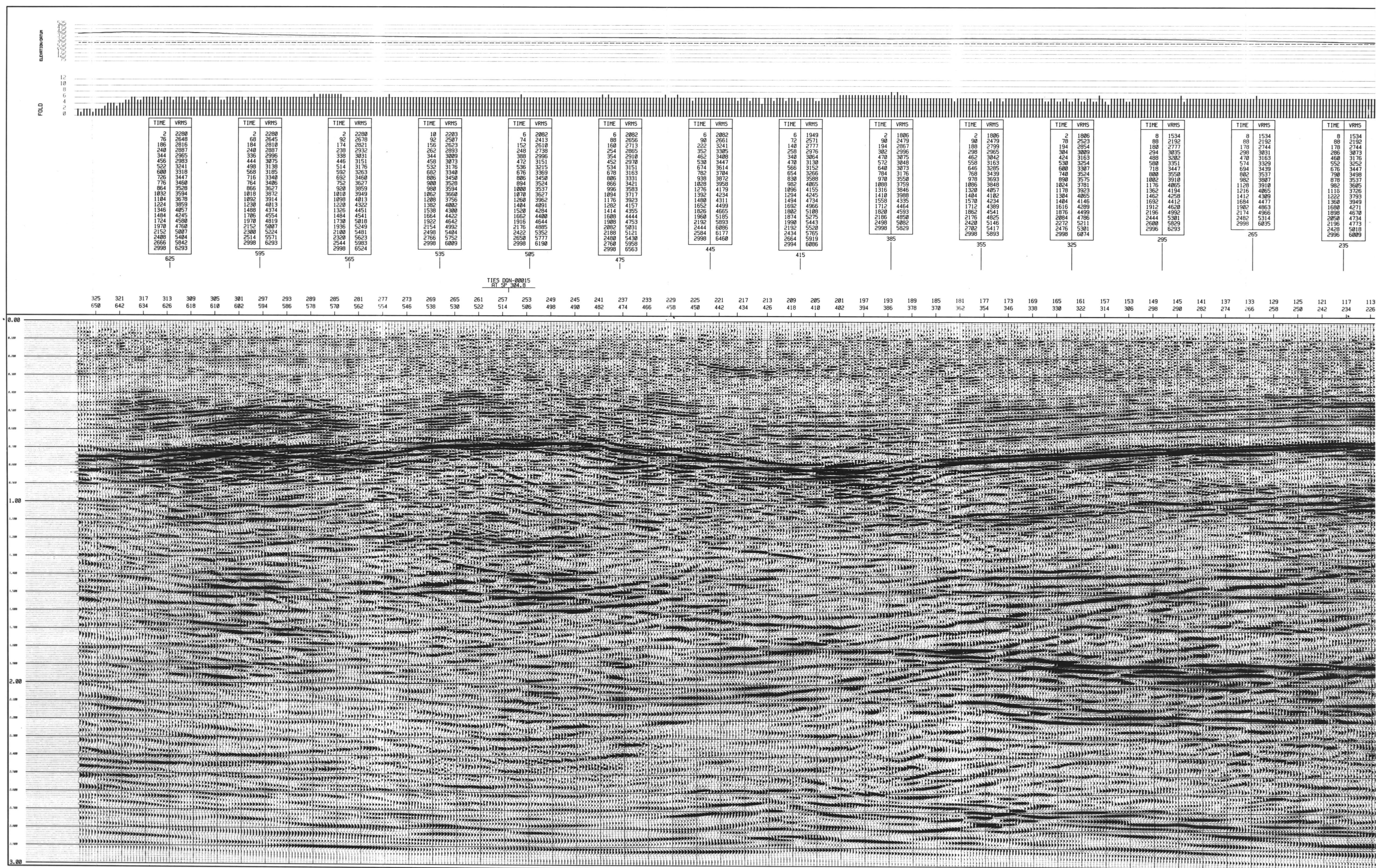




SW - NE
AEC WESTLINE: DQN-00010
AREA: KEELE ARCH
9227-A61-1DA
LOCATION: NWTMIGRATED DMO STACK
NORMAL POLARITY
SHOT POINTS: 1 - 329

RECORDING PARAMETERS

DATE SHOT: MARCH, 1974
SHOT BY: NORTHERN GEOPHYSICAL LTD.
SHOT FOR: PROCO CANADA PETROLEUM COMPANY LTD.SOURCE: DYNAMITE
SOURCE PATTERN: SINGLE HOLE
CHARGE SIZE: 100 LBS
SHOT DEPTH: 100 FT
NOTCH FILTER: OUT/124 HZ.
RECEIVERS: MARK L-10
CABLE GROUP: 14 LINES
CABLE INTERVAL: 100 FT (128 FT)
NO. OF RECES: 48INSTRUMENTS: RECORD LENGTH: 3 SEC.
FIELD FORMAT: SEG-B SAMPLE INTERVAL: 2 MS.STANDARD SPREAD CONFIGURATION
TRACE DISTANCE: 1 800 24 48 800 M.

PROCESSING SEQUENCE

DATE PROCESSED: NOVEMBER, 1998

- 1) DEMULTIPLEXED FROM SEG-B (LACEY) CD-ROM
- 2) LINE GEOMETRY AND TRACE EDITS
- 3) GAIN CORRECTION - TYPE: EXPONENTIAL
- 4) RELATIVE AMPLITUDE SCALING
- 5) LOW FREQUENCY ARRAY FORMING
FREQ. RANGE: 0 - 20 HZ. VELOCITY: 2000 M./SEC.
- 6) DECONVOLUTION:
TYPE: MULTI-COMPONENT
OUTPUT PHASE: MINIMUM PHASE SIGNATURE
DESIGN GATE: ZERO
0.20 - 2.30 SEC. AT 0 M.
0.53 - 2.50 SEC. AT 800 M.
- 7) TRACE BALANCE
- 8) ELEVATION CORRECTIONS & WEATHERING CORRECTIONS
REFRACTION STATICS: 2 LAYER
WEATHERING VELOCITY: 650 M./SEC.
REPLACEMENT VELOCITY: 3047 M./SEC.
PROCESSING DATUM ELEVATION: 305 M. A.S.L.
- 9) AUTOMATIC RESIDUAL STATICS
WINDOW: 0.30 - 2.00 SEC.
MAXIMUM STATIC: +/- 20 MSEC.
ITERATIONS: 4
- 10) FINAL VELOCITY ANALYSIS
TYPE: COHERENCY SPECTRA
- 11) FINAL NMO
- 12) SHOT DOMAIN DMO
- 13) FINAL MUTED: OFFSET MUTE TIME
224 M. 0.000 SEC.
320 M. 0.350 SEC.
800 M. 0.600 SEC.
- 14) DECONVOLUTION
TYPE: TRACE TO TRACE
OUTPUT PHASE: ZERO
DESIGN GATES: 0.20 - 2.30 SEC. AT 0 M.
0.53 - 2.50 SEC. AT 800 M.
FREQUENCIES: 0 - 90 HZ.
- 15) TRIM STATICS
WINDOW: 0.30 - 2.00 SEC.
MAXIMUM STATIC: +/- 12 MSEC.
- 16) CDP STACK
- 17) MULTI-GATE SCALING
- 18) F-X DECONVOLUTION NOISE SUPPRESSION, ROBBACK: 50%
- 19) FINITE DIFFERENCE MIGRATION, 85 % OF STACKING VELOCITIES
10/15 - 70/80 HZ 0-1.5 SEC
20) BANDPASS FILTER: 10/15 - 50/60 HZ 1.8-3.0 SEC

DISPLAY PARAMETERS

HORIZONTAL SCALE (TRACES/INCH): 12
VERTICAL SCALE (IN/SEC): 5.0

EI PROCESSING INC.