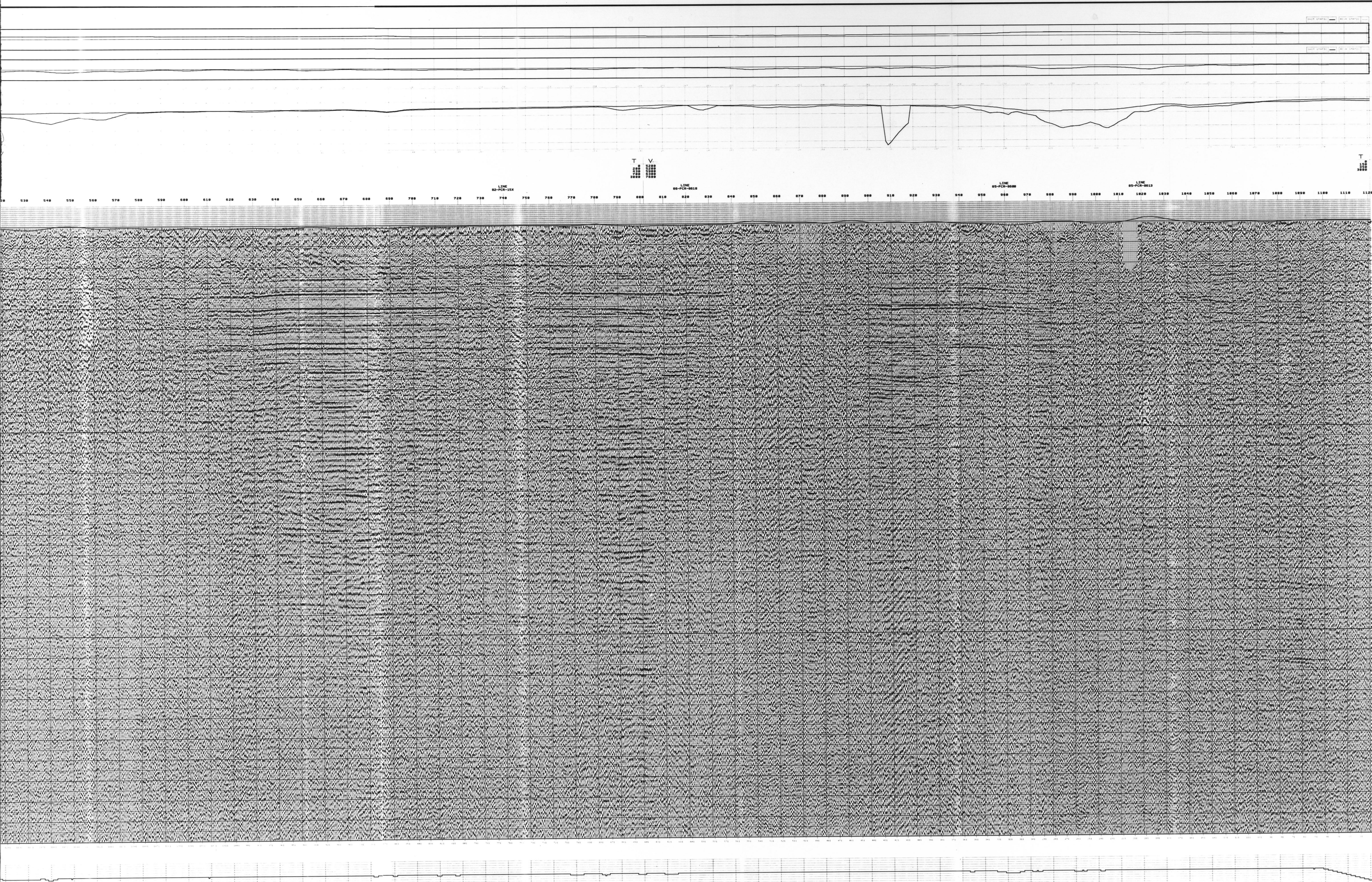






44951 8149-04
229-108-188

VERITAS SEISMIC LT
REVERSE TO FIELD POLARITY
STRUCTURE SECTION
LINE NO: 8617

AREA: TWEED LAKE, N.W.T.
DIRECTION: 305
DATUM: 6000 m/s

PROCESSED FOR:
PETRO-CANADA

DATE PROCESSED: MARCH 1986 DATE SHOT: MARCH 1986
SHOT BY: WESTERN GEOPHYSICAL CO.

FIELD PARAMETERS
SOURCE TYPE: VIBROSEIS LRS-189 GEOPHONE TYPE: LRS 1811 14 Hz
SOURCE INTERVAL: 80 m GROUP INTERVAL: 20 m
SOURCE LAYOUT: 3 VIBS / 40 m GEOPHONE LAYOUT: 8 over 20 m
SWEEP SPECTRUM: 20 - 180 Hz SWEEP LENGTH: 6 s
INSTRUMENTATION: DVS V GAIN MODE: I. F. P.
FIELD FILTER: 8/120 Hz Match Out COVERAGE: 1200 m
RECORD LENGTH: 9 s SAMPLE INTERVAL: 2 ms
SPREAD TYPE: 1 - 40 VP 45 - 50
DISTANCE: 1820 - 80 80 - 1820 m

DISPLAY PARAMETERS
TRACES/INCH: 24 INCHES/SECOND: 7.5

PROCESSING PARAMETERS
1 DEMULTIPLY
Recorded Length: 3800 ms Sample Rate: 2 ms
Processed Length: 3800 ms Sample Rate: 2 ms
2 CORRELATION
3 AMPLITUDE RECOVERY - AGC (150 ms window)
4 GEOMETRY - STRAIGHT LINE
5 DEPHASING - GEOPHONE
6 DECONVOLUTION - ZERO PHASE FREQUENCY DOMAIN
Autocorrelation: 120 ms Prewhitening: 1.8 Z
FILTER Distance Design Gate Appl. Gate
1 80 m 200 - 500 8 - 3800 ms
2 1820 m 400 - 1800 8 - 3800 ms
7 STRUCTURE STATICS - ELEVATION and DRIFT
DRIFT CONTROL PROVIDED BY 48 TR. DYNAMIC RE-
FRACTION RECORDS APPROX. EVERY 20 STN.
Datum: 305 m SSL
Replacement Velocity: 6000 m/s
8 TRACE GATHER
9 NORMAL MOVEOUT
10 STATICS - AUTOMATIC SURFACE CONSISTENT
Windows: 200 - 1800 ms
11 FIRST BREAK MUTES
Distance: 200 1820 2040 m
Rate: 200 500 800 ms
12 STATICS - TRIM
Correlation Window: 300 - 800 ms
13 STACK
14 FILTER - TIME VARIANT DIGITAL BANDPASS
FILTER 1 Pass Band: 20/25 - 100/110 Appl. Gate: 8 - 800 ms
FILTER 2 Pass Band: 20/25 - 70/70 Appl. Gate: 800 - 1500 ms
FILTER 3 Pass Band: 20/25 - 60/70 Appl. Gate: 1500 - 3800 ms
15 AMPLITUDE EQUALIZATION - AGC

