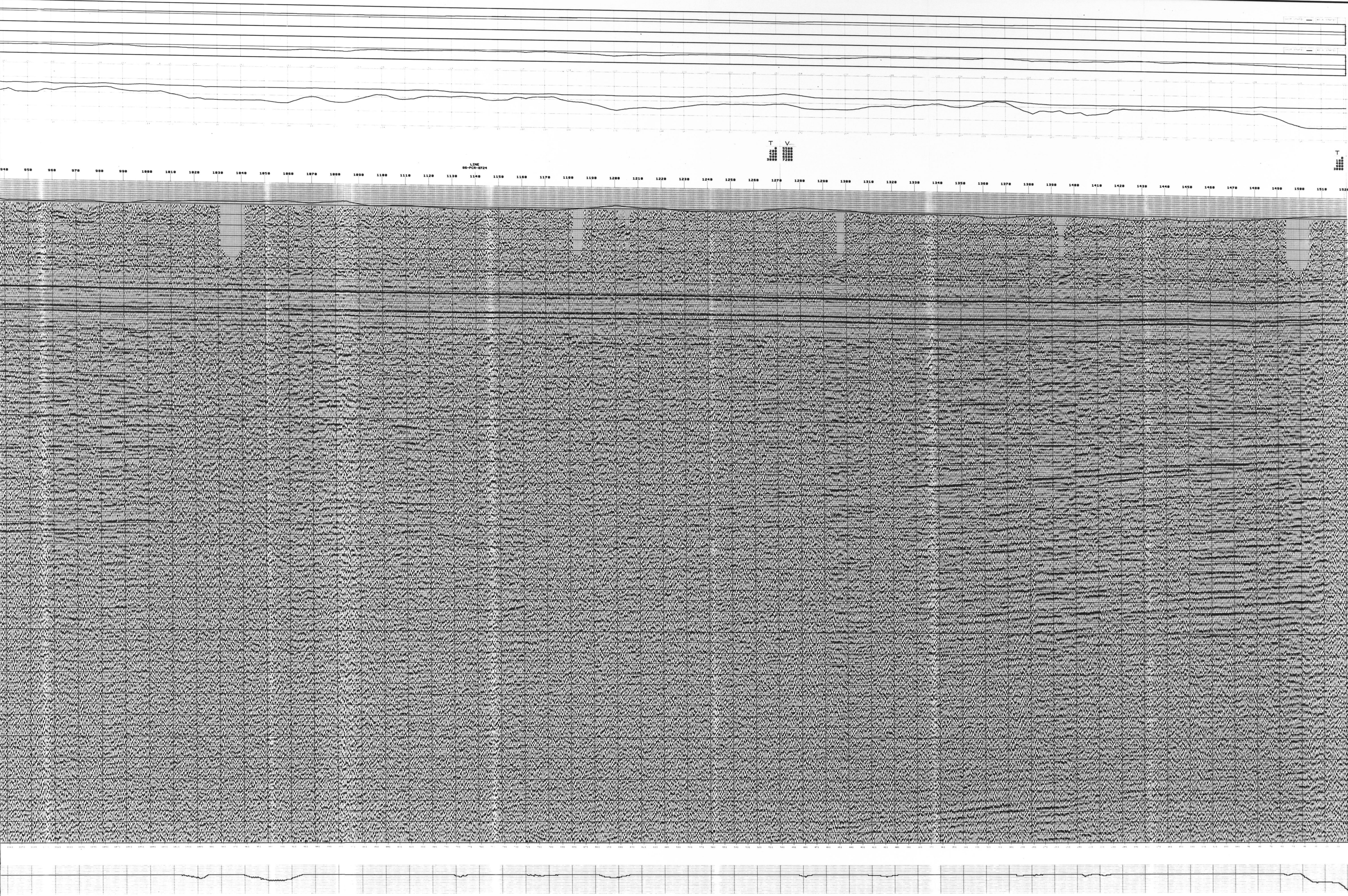




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VERITAS

VERITAS SEISMIC LT

9229-1-8-198

FIELD POLARITY

STRUCTURE SECTION

LINE NO: 8717

AREA: [REDACTED] N.W.T.

DIRECTION: [REDACTED]

DATUM: [REDACTED] VR: 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-305

GEOPHONE TYPE: LRS 1811 14 Hz

SOURCE INTERVAL: 40 m

GROUP INTERVAL: 20 m

SOURCE LAYOUT: 3 VIBS / 40 m

GEOPHONE LAYOUT: 5 over 20 m

SWEEP SPECTRUM: 20 - 100 Hz

SWEEP LENGTH: 6 s

INSTRUMENTATION: DFS V

GAIN MODE: I. F. P.

FIELD FILTER: 8/128 Hz Match Out

COVERAGE: 2400 z

RECORD LENGTH: 9 s

SAMPLE INTERVAL: 2 ms

SPREAD TRACE: 1 - 40 VP 45 - 95

DISTANCE: 1020 - 00 00 - 1020 m

DISPLAY PARAMETERS

TRACES/INCH: 24

INCHES/SECOND: 7.5

PROCESSING PARAMETERS

1 DEMULTIPLEX

Recorded Length: 3000 ms Sample Rate: 2 ms

Processed Length: 3000 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: 1.0 z

FILTER Distance Design Gate Appl. Gate

1 00 m 200 - 500 0 - 3000 ms

2 1020 m 400 - 1000 0 - 3000 ms

7 STRUCTURE STATICS - ELEVATION and DRIFF

DRIFF CONTROL PROVIDED BY 40 TR. DYNAMITE RE-FRACTION RECORDS APPROX. EVERY 20 STN.

Datum: 305 m RSL

Replacement Velocity: 6000 m/s

8 TRACE GATHER

9 NORMAL MOVEOUT

10 STATICS - AUTOMATIC SURFACE CONSISTENT

Window: 200 - 1000 ms

11 FIRST BREAK MUTES

Distance: 200 1020 2040 m

Mute: 200 500 000 ms

12 STATICS - TRIM

Correlation Window: 300 - 000 ms

13 STACK

14 FILTER - TIME VARIANT DIGITAL BANDPASS

FILTER 1 Pass Band: 20/25 - 100/110 Appl. Gate: 0 - 000 ms

FILTER 2 Pass Band: 20/25 - 70/80 Appl. Gate: 000 - 1500 ms

FILTER 3 Pass Band: 20/25 - 60/70 Appl. Gate: 1500 - 3000 ms

15 AMPLITUDE EQUALIZATION - AGC

2000 Valley Rd
Canada T1C 3P5
Tel: (613) 731-9571
Telex: 053-3802
Cable: TERRA

Optima, Ont.
PROJ. NO. 9229-1-8-198
LINE NO. 8717

PART NO. 1 OF 3
R.R. 10X

PROJ. NO.

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