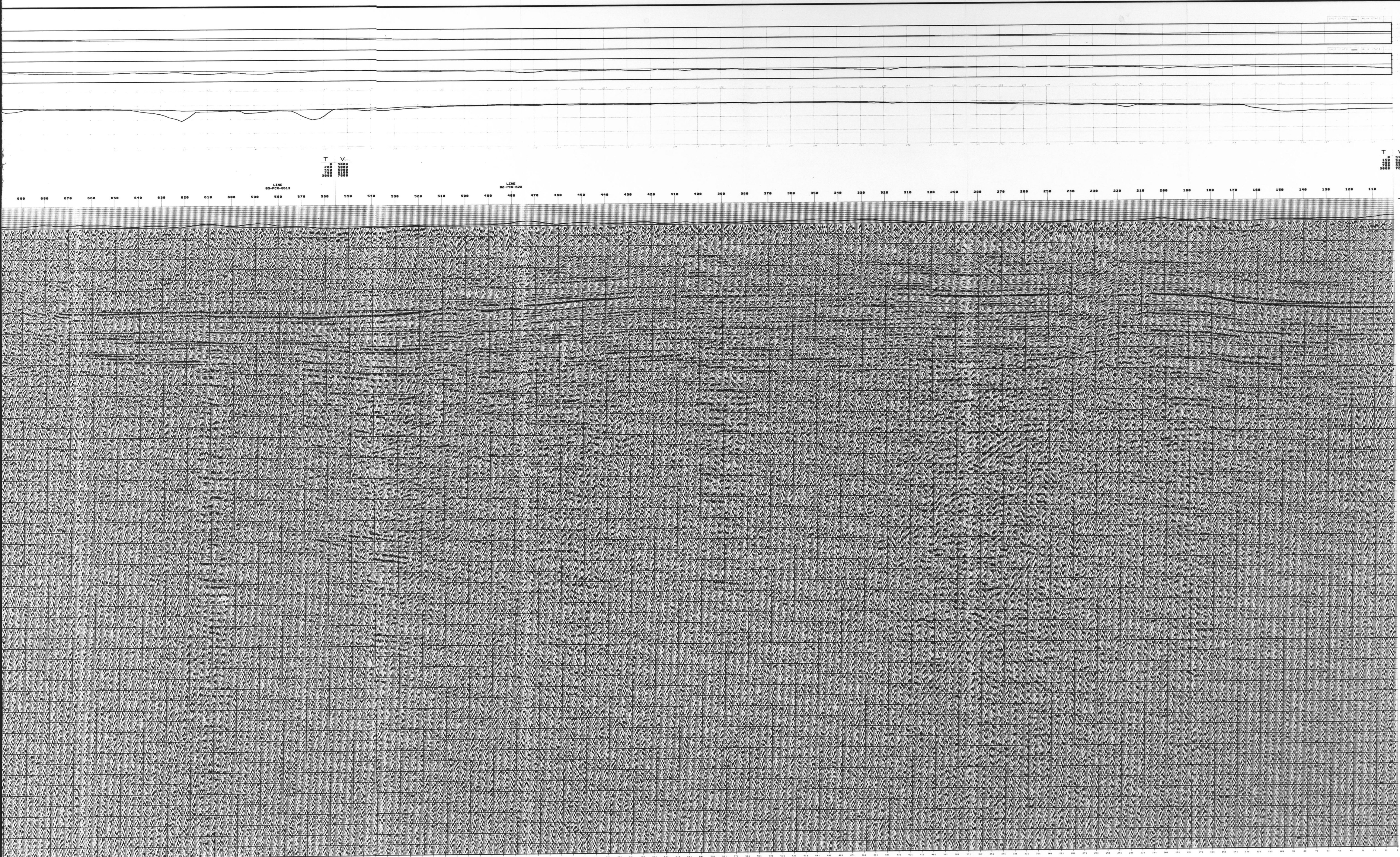






VERITAS SEISMIC LTD.

REVERSE TO FIELD POLARITY
STRUCTURE SECTION

LINE NO: 8618

AREA: TWEED LAKE N.W.T.
DIRECTION: SOUTHEAST
DATUM: 305 m ASL 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	VERITAS LRS-300	GEOPHONE TYPE	LRS 1001 14 Hz
SOURCE INTERVAL	80 m	GROUP INTERVAL	20 m
SOURCE LAYOUT	3 VIBS / 40 m	GEOPHONE LAYOUT	9 over 20 m
SWEEP SPECTRUM	20 - 100 Hz	SWEEP LENGTH	6 s
INSTRUMENTATION	DP'S V	DATA MODE	1, P, P
FIELD FILTER	60/20 Hz Match Out	CORRECTION	1200 Hz
RECORD LENGTH	9 s	SAMPLE INTERVAL	2 ms
SPREAD TRACE	1 - 40 VP 45 - 95		
DISTANCE	1020 - 80		80 - 1020 m

DISPLAY PARAMETERS

TRACES/INCH	24	INCHES/SECOND	7.5
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PROCESSING PARAMETERS

1

DEMULPLEX

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 Hz

FILTER Distance Design Gate Appl. Gate

1 80 m 200 - 500 0 - 3000 ms

2 1020 m 400 - 1000 0 - 3000 ms

7

STRUCTURE STATICS - ELEVATION and DRIFT

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

Datum 305 m ASL

Replacement Velocity 6000 m/s

8

TRACE GATHER

9

NORMAL MOVEOUT

10

STATICS - AUTOMATIC SURFACE CONSISTENT

Windows 200 - 1000 ms

11

FIRST BREAK MUTES

Distance 200 1020 2040 m

Gate 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 0 - 800 ms

FILTER 2 Pass Band 20/25 - 70/80 Appl. Gate 800 - 1500 ms

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

15

AMPLITUDE EQUALIZATION - AGC

