

REVERSE TO FIELD POLARITY
STRUCTURE SECTION

LINE NO: 8622

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

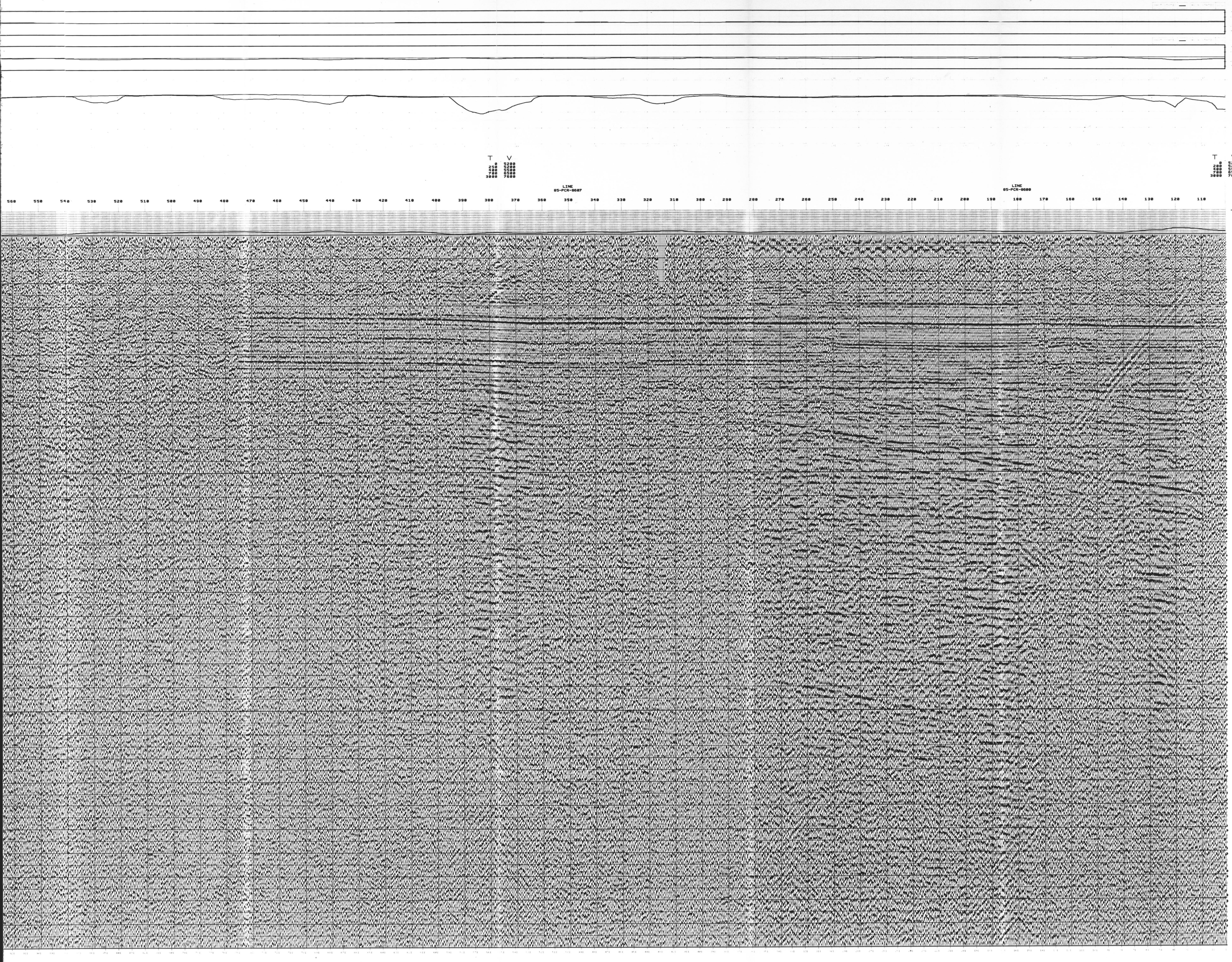
PROCESSED FOR:
PETRO-CANADA

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

FIELD PARAMETERS			
SOURCE TYPE	VIBROSEIS LRS-309	GEOPHONE TYPE	LRS 1011 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	DFS V	GAIN MODE	1. F. P.
FIELD FILTER	8/128 Hz Notch Out	COVERAGE	1200 Z
RECORD LENGTH	9 s	SAMPLE INTERVAL	2 ms
SPREAD TRACE	1 - 40 VP 49 - 96		
DISTANCE	1020 - 80	80 - 1020 m	

DISPLAY PARAMETERS			
TRACES/INCH	24	INCHES/SECOND	7.5

- PROCESSING PARAMETERS
- DEMULPLEX
Recorded Length 3000 ms Sample Rate 2 ms
Processed Length 3000 ms Sample Rate 2 ms
 - CORRELATION
 - AMPLITUDE RECOVERY - AGC (150 ms window)
 - GEOMETRY - STRAIGHT LINE
 - DEPHASING - GEOPHONE
 - DECONVOLUTION - ZERO PHASE FREQUENCY DOMAIN
Autocorrelation 120 ms Prewhitening 1.0 Z
FILTER Distance Design Gate Appl. Gate
1 80 m 200 - 500 0 - 3000 ms
2 1020 m 400 - 1000 0 - 3000 ms
 - 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
 - TRACE GATHER
 - NORMAL MOVEOUT
 - STATICS - AUTOMATIC SURFACE CONSISTENT
Windows 200 - 1000 ms
 - FIRST BREAK MUTES
Distance 200 1020 2040 m
Mute 200 500 800 ms
 - STATICS - TRIM
Correlation Window 300 - 800 ms
 - STACK
 - 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
 - AMPLITUDE EQUALIZATION - AGC





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PROJ. NO.

9

2

2

9

-

P

2

8

-

1

2

E

LINE NO.

8

6

2

2

PART NO.

2

OF

2

R.R. 8X

WEATHERING

STATISTICS

ONE WAY

DELAY TIME

ELEVATION

PROFILE

NETRES.

ELEVATION

BASE OF

DRIFT

STRUCTURE

STATIC

PROFILE

STACKING

FOLD

T V
8 5000
100 5000
200 5000
300 5000

LINE
05-PCR-0511

T V
8 5000
100 5000
200 5000
300 5000

LINE
79-PCR-1390

LINE
82-PCR-68X

