

FIELD POLARITY
STRUCTURE SECTION

LINE NO: 8612

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

PROCESSED FOR:
PETRO-CANADA

DATE PROCESSED: MAY 1985 DATE SHOT: MARCH 1985
SHOT BY: WESTERN GEOPHYSICAL LTD.

FIELD PARAMETERS

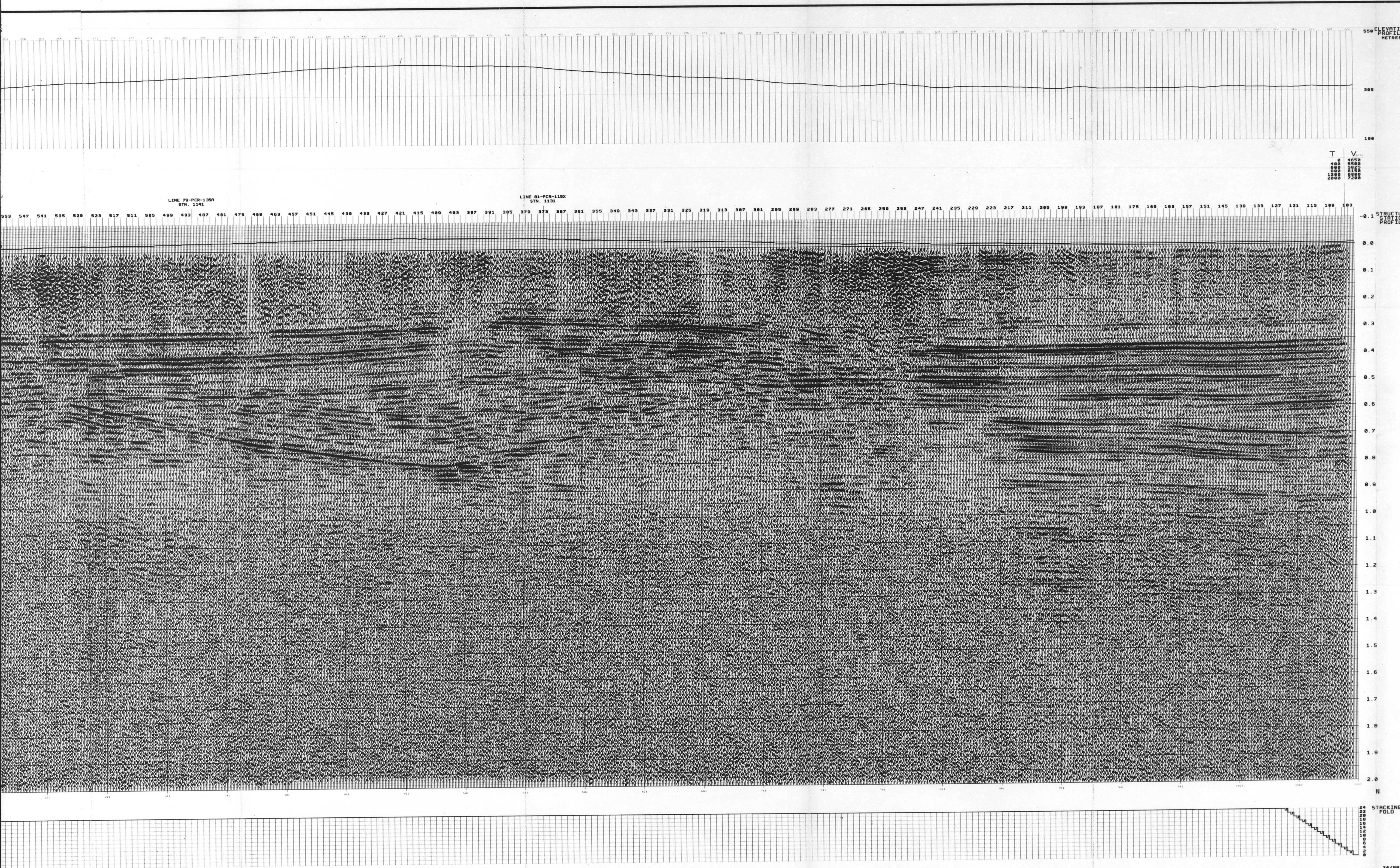
SOURCE TYPE	Vibroseis LRS-300	GEOPHONE TYPE	LRS-1011, 14 Hz
SOURCE INTERVAL	40 m	GROUP INTERVAL	20 m
SOURCE LAYOUT	3 Vib. / 40 m	GEOPHONE LAYOUT	9 over 20 m
SWEEP SPECTRUM	20 - 100 Hz	SWEEP LENGTH	4 s
INSTRUMENTATION	DFS V	NO. of SWEEPS	6
FIELD FILTER	8/120 Hz Notch Out	COVERAGE	2400 x
RECORD LENGTH	7 s	SAMPLE INTERVAL	2 ms
SPEED TRACE	1 - 40 SP 49 - 95		
DISTANCE	1020 - 00	00 - 1020 m	

DISPLAY PARAMETERS

TRACES/INCH 24 INCHES/SECOND 7.5

PROCESSING PARAMETERS

- DEMULTEX
Recorded Length 7000 ms Sample Rate 2 ms
Processed Length 2000 ms Sample Rate 2 ms
- CORRELATION
- AMPLITUDE RECOVERY - EXPONENTIAL FUNCTION
- F/K FILTER - Reject = 5 ms/trace
- DEPHASING - GEOPHONES ONLY
- DECONVOLUTION - FREQUENCY
Autocorrelation 120 ms Prewhitening 1.0 x
FILTER Distance Design Gate Appl. Gate
1 00 m 150 - 600 0 - 2000 ms
2 1020 m 300 - 500 0 - 2000 ms
- RESIDUAL AMPLITUDE ANALYSIS and APPLICATION
- STRUCTURE STATICS - ELEVATION ONLY
Datum 305 m ASL.
Replacement Velocity 6000 m/s
- TRACE GATHER
- NORMAL MOVEOUT
- STATICS - AUTOMATIC SURFACE CONSISTENT
Windows 300 - 900 ms
- FIRST BREAK MUTES
Distance 240 1020 m
Mute 200 500 ms
- STATICS - TRIM
Correlation Window 300 - 900 ms
- STACK
- FILTER - DIGITAL BANDPASS
FILTER 1 Pass Band 30/35 - 90/100 Appl. Gate 0 - 2000 ms
- AMPLITUDE EQUALIZATION - MEAN SCALE
Window 250 - 1000 ms Appl. Point 500 ms
Window 1000 - 2000 ms Appl. Point 1100 ms



PROJ. NO.

9 2 2 9 - P 2 8 - 7 E

LINE NO.

8 6 1 2

PART NO.

2 OF 2

R.R. 8X

