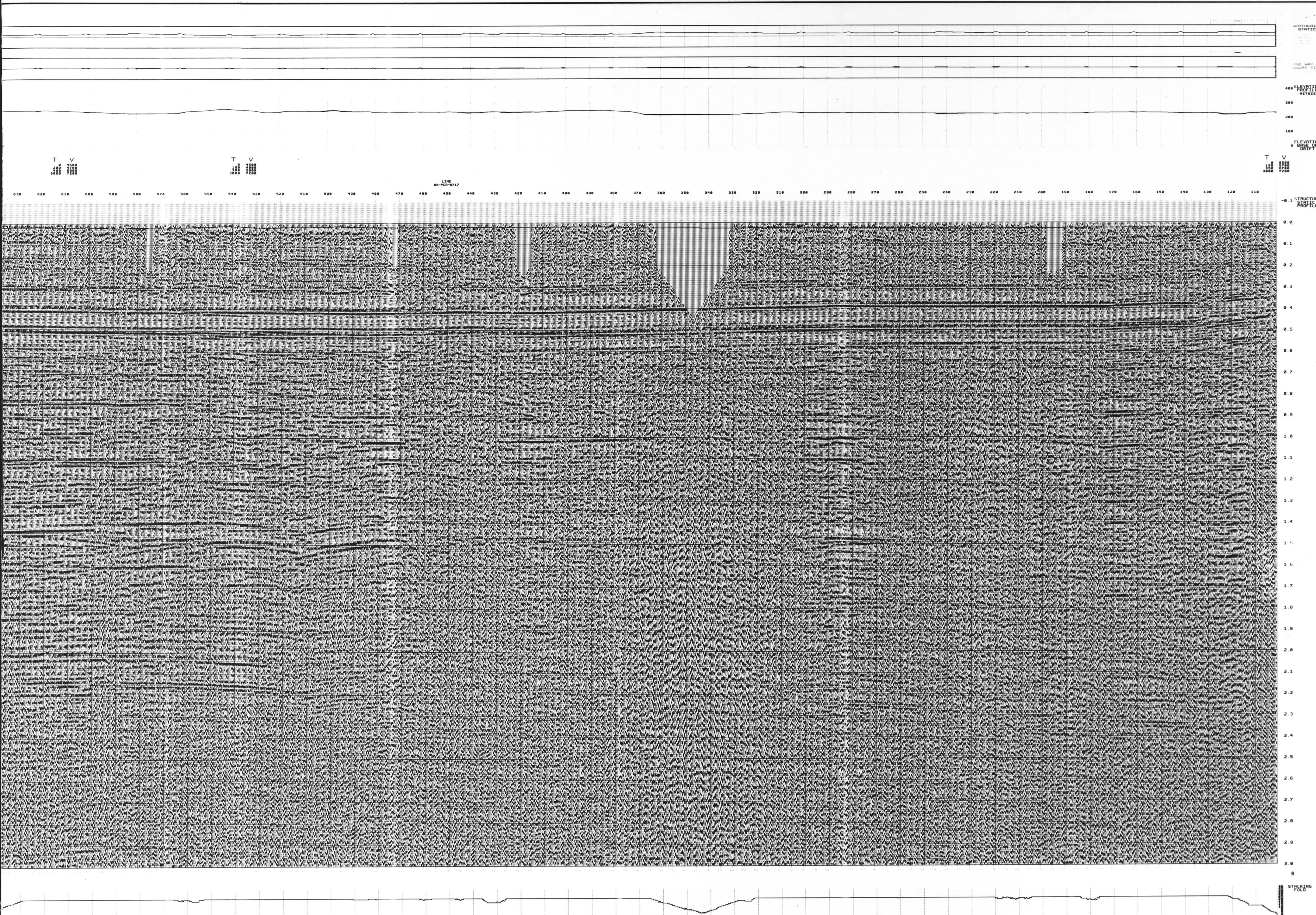




16946 R749-03
VERITAS 9250-208-138

REVERSE TO FIELD POLARITY
STRUCTURE SECTION

LINE NO: 8724

AREA: COLVILLE N.W.T.
DIRECTION: NORTHEAST
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	HEMISEIS LRS-300	GEOPHONE TYPE	LAS 1011 14 Hz
SOURCE INTERVAL	40 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	8/120 Hz Notch Out	COVERAGE	2400 Z
RECORD LENGTH	9 s	SAMPLE INTERVAL	2 ms
SPEED TRACE	1 - 40 VP 40 - 95		
DISTANCE	1820 - 00 00 - 1820 m		

DISPLAY PARAMETERS

TRACES/INCH	24	INCHES/SECOND	7.5
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PROCESSING PARAMETERS

1

DEMULTIPLY

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 1820 m 400 - 1000 0 - 3000 ms

7

STRUCTURE STATICS - ELEVATION and DRIFT

DRIFT CONTROL PROVIDED BY 48 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 1820 2040 m
Mute 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 - 1000 ms
Filter 2 Pass Band 20/25 - 70/70 Appl. Gate 000 - 1500 ms
Filter 3 Pass Band 20/25 - 60/70 Appl. Gate 1500 - 3000 ms

15

AMPLITUDE EQUALIZATION - AGC

