

08419

SEISMOGRAPH SERVICE CORPORATION OF CANADA

FORT SIMPSON
LINE 8112
SP'S 101-2261 (1000 %)
CLIENT : PETRO-CANADA
LOCATION: 85-E N.W.T.

STRUCTURE STACK

RECORDING PARAMETERS

RECORDING DATA
RECORDED BY: ENERTEC GEOPHYSICAL
DATE: 174
PARTY: MARCH 1985
SAMPLE RATE: 2 MS
RECORD LENGTH: 2 SECONDS
TRACES/RECORD: 120
INSTRUMENT TYPE: DFS V FPCS
NOTCH FILTER: OUT
RECORDING FILTER: 18/128 HZ
TAPE FORMAT: SEGB
LINE DIRECTION: S.W. -> N.E.
TR. 1 LOCATION: N.E.
SOURCE DATA
TYPE: 4 HEMI 5000 VIBRATORS
SLEEP FREQ: 14-96 HZ
SLEEP LENGTH: 12 SEC
INTERVAL: 96 M
RECEIVER DATA
TYPE: L-28 MARK 14 HZ
ARRAY: INLINE - 9 OVER 16 M
INTERVAL: 16 M
SPREAD CONFIGURATION: 1008-64-X-64-1008 M

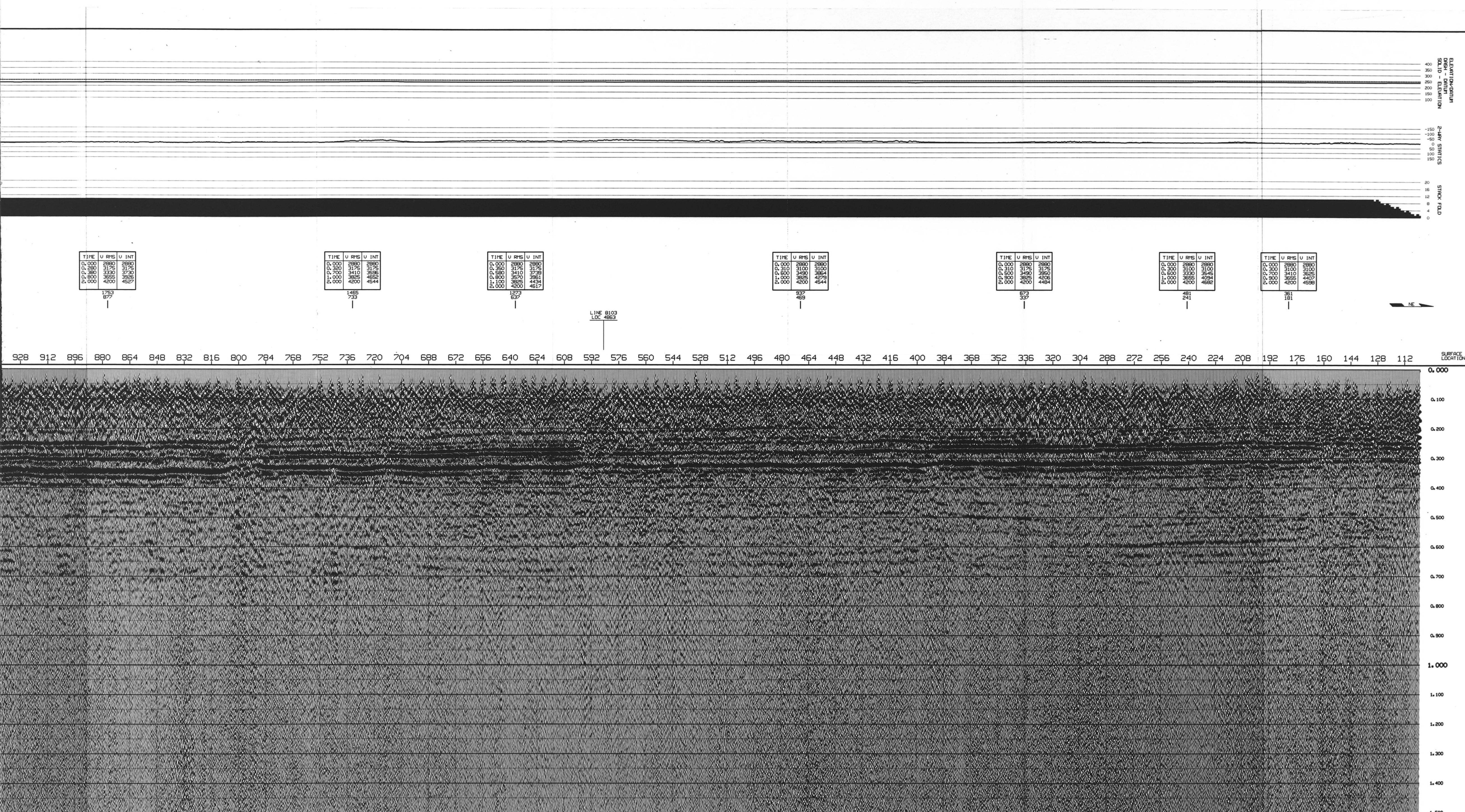
PROCESSING SEQUENCE

1. DEMULTIPLEX
2. TRACE EDITING
3. PHASE COMPENSATION
GEOPHONE
4. GAIN RECOVERY
5. SORT INTO CDP ORDER
6. DECONVOLUTION
TYPE: MINIMUM PHASE SPIKING
48 MS OPERATOR LENGTH
+ 1% PREWHITE
WINDOW: 200 TO 600 MS AT 64 M
500 TO 800 MS AT 1008 M
7. TRACE EQUALIZATION
8. DRIFT/DATUM STACKS
DATUM: 250 M
REPLACEMENT VELOCITY: 3100 M/SEC
WEATHERING VELOCITY: 700 M/SEC
9. VELOCITY ANALYSIS
CONSTANT VELOCITY STACKS
10. NORMAL MOVEOUT CORRECTION
11. FIRST BREAK MUTE
280 M/ 0 MS
310 M/ 200 MS
1008 M/ 500 MS
12. RESIDUAL SURFACE CONSISTENT STATICS
WINDOW: 200 TO 600 MS
13. CDP TRIM STATICS
WINDOW: 200 TO 600 MS
14. CDP STACK
1000%
15. FINAL FILTER (ORMSBY)
14/18 - 128/150 HZ
16. TRACE AMPLITUDE EQUALIZATION
WINDOW 1: 0 TO 200 MS
WINDOW 2: 200 TO 600 MS

QUALITY CONTROL: ROB WILSON DATE PROCESSED: MAY 1985

DISPLAY PARAMETERS

36 TRACES PER INCH 10 INCHES PER SECOND
POLARITY NORMAL [X]
REVERSE []





TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

3517
1759

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

3337
1659

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

3087
1549

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

2833
1417

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

2583
1297

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

2333
1201

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

2083
1109

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

1833
1013

TIME	U	RPS	U	INT
0.000	2880	2880		
0.250	3100	3100		
0.500	3320	3320		
0.750	3540	3540		
1.000	3760	3760		
1.250	3980	3980		
1.500	4200	4200		

1583
917

2 1776 1750 1744 1728 1712 1696 1680 1664 1648 1632 1616 1600 1584 1568 1552 1536 1520 1504 1488 1472 1456 1440 1424 1408 1392 1376 1360 1344 1328 1312 1296 1280 1264 1248 1232 1216 1200 1184 1168 1152 1136 1120 1104 1088 1072 1056 1040 1024 1008 992 976 960 944 928 912 896 880 864 848 832 816 800 784 768 7

