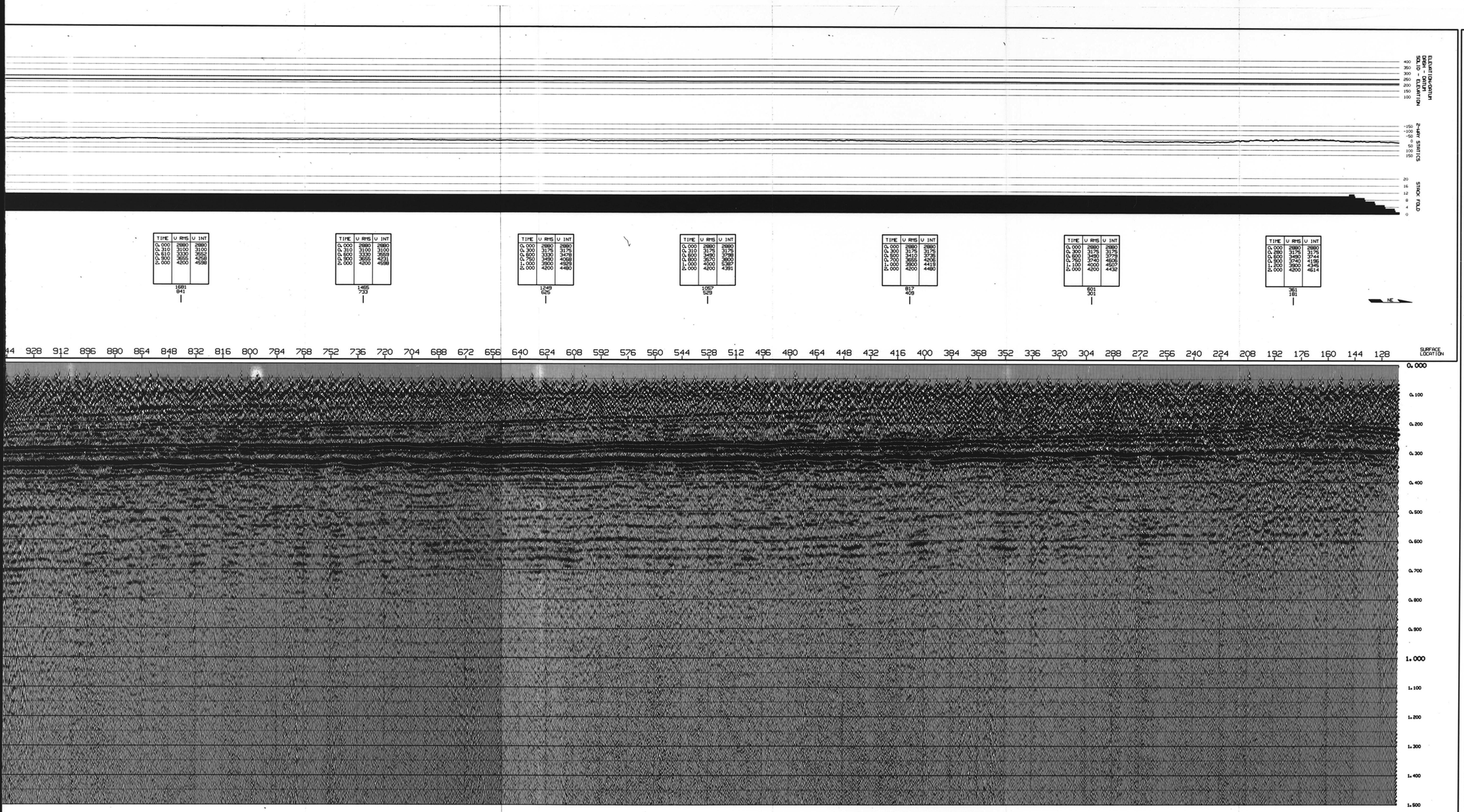


SEISMOGRAPH SERVICE CORPORATION
OF CANADA

FORT SIMPSON
LINE 8108
SP'S 116-3401 [1000 %]
CLIENT : PETRO-CANADA
LOCATION: 85-E N.W.T.

STRUCTURE STACK

RECORDING PARAMETERS

RECORDING DATA	
RECORDED BY	ENERTEC GEOPHYSICAL
PARTY	174
DATE	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
SWEEP FREQ.	14-96 HZ
SWEEP 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 STATICS
   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
    230 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 WIENS DATE PROCESSED: MAY 1985

DISPLAY PARAMETERS

36 TRACES PER INCH 10 INCHES PER SECOND

POLARITY NORMAL [X]
REVERSE [ ]

2080 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P2
Tel (613) 731-8571
Telex 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-6E

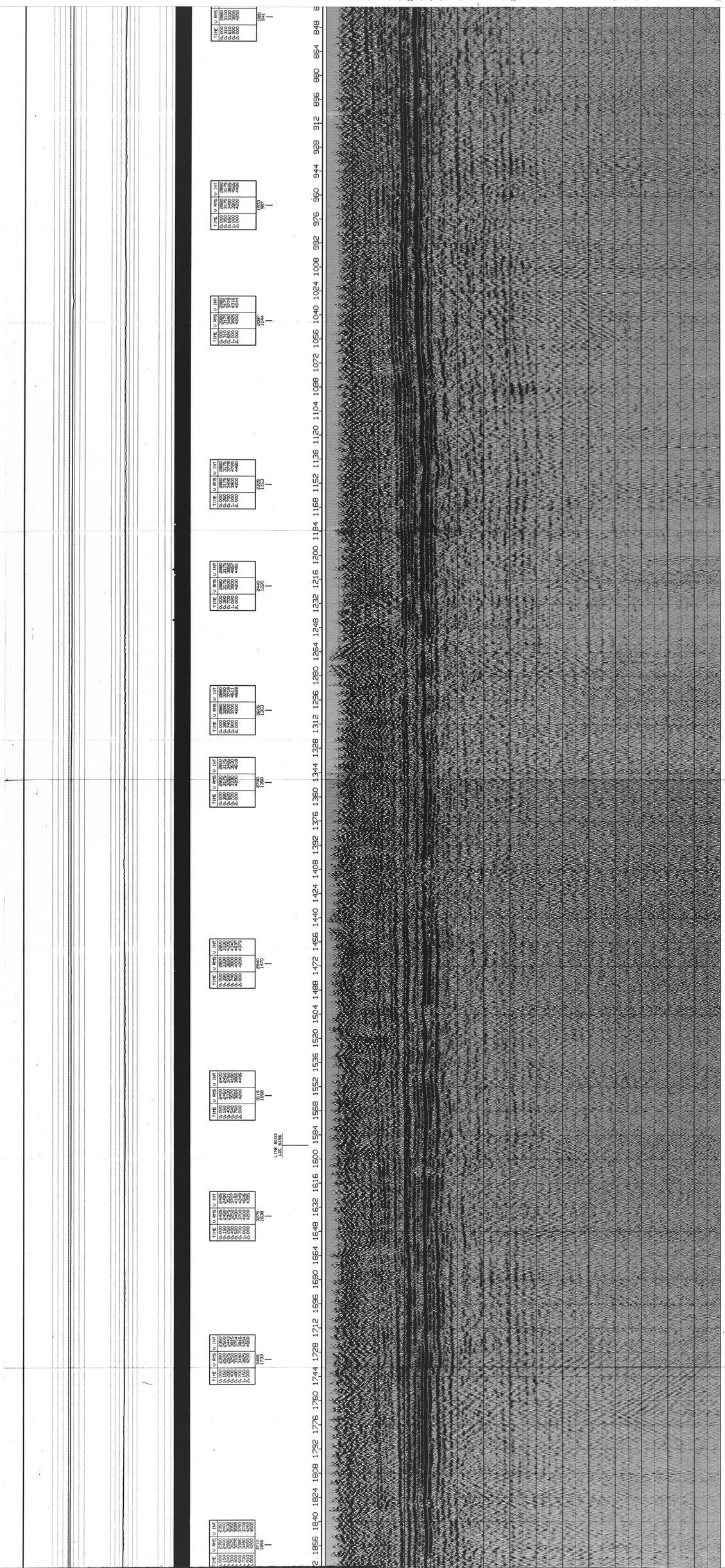
LINE NO. 8108

PART NO. 1 OF 4

R.R. 10X

terra surveys ltd
2060 Walkley Rd. -Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-6E LINE NO. 8108 PART NO. 2 OF 4 R.R. 10X



TERRA SURVEYS LTD
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P4
Tel: (613) 731-3571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 9229-P28-6E
LINE NO. 8108
PART NO. 3 OF 4
R.R. 10X
TIME V RMS V INT
0.000 2475 2475
0.200 2570 2570
0.400 3200 3694
0.600 3330 3906
0.800 3665 4112
2.000 4200 4540
4930 2465
TIME V RMS V INT
0.000 2350 2350
0.100 2400 2400
0.320 2930 3141
0.440 3125 3594
0.700 3330 3651
0.880 3665 4524
2.000 4400 4947
4785 2393
TIME V RMS V INT
0.000 2350 2350
0.100 2400 2400
0.320 3000 3236
0.400 3175 3785
0.700 3740 4381
0.800 4180 4941
2.000 4400 5541
4970 2266
TIME V RMS V INT
0.000 2350 2350
0.100 2400 2400
0.200 2880 3291
0.320 3125 3495
0.500 3330 3740
0.600 3740 4290
0.700 4000 4239
2.000 4400 4601
4240 2120
TIME V RMS V INT
0.000 2350 2350
0.300 3025 3025
0.350 3175 3631
0.520 3490 3819
0.800 3825 4239
2.000 4200 4432
3930 1965
TIME V RMS V INT
0.000 2350 2350
0.150 2400 2400
0.240 2880 3538
0.400 3025 3589
0.480 3275 3589
0.600 3385 3703
0.730 3490 3703
0.810 3665 4259
2.000 4200 4608
3710 1855
TIME V RMS V INT
0.000 2350 2350
0.150 2400 2400
0.280 2880 3570
0.480 3025 3570
0.700 3490 3490
1.150 3825 4
2.000 4200 4
3455 1733
2752 2736 2720 2704 2688 2672 2656 2640 2624 2608 2592 2576 2560 2544 2528 2512 2496 2480 2464 2448 2432 2416 2400 2384 2368 2352 2336 2320 2304 2288 2272 2256 2240 2224 2208 2192 2176 2160 2144 2128 2112 2096 2080 2064 2048 2032 2016 2000 1984 1968 1952 1936 1920 1904 1888 1872 1856 1840 1824 1808 1792 1776 1760 1744 1728

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-Ottawa Ont.
Cable: TERRA

PROJ. NO. 9229-P28-6E

LINE NO. 8108

PART NO. 4 OF 4

R.R. 10X