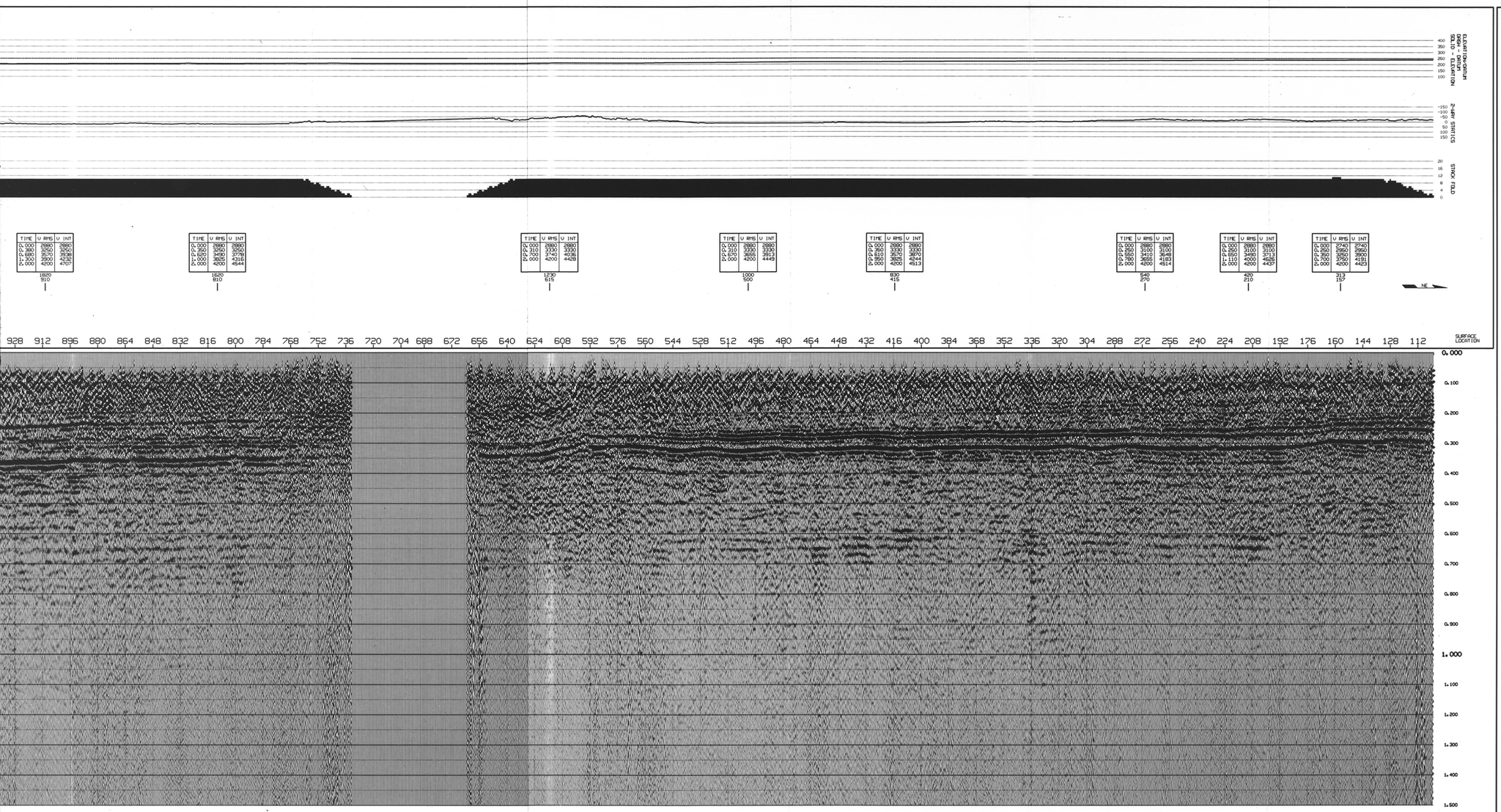


SEISMOGRAPH SERVICE CORPORATION
OF CANADA

FORT SIMPSON

LINE 8110

SP'S 101-2577 [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	N.E. -> S.W.
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
    290 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 [ ]

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

PROJ. NO. 9 2 9 - P 2 8 - 6 E

LINE NO. 8 1 1 0

PART NO. 1 OF 4

R.R. 10X

terra survey ltd
2080 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-5577
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-6E

LINE NO. 8110

PART NO. 2 OF 4

R.R. 10X

TIME	V RMS	V INT
0.000	2880	2880
0.350	3330	3330
0.650	3805	4001
0.750	3905	5113
0.000	4200	4370

3106
1563

TIME	V RMS	V INT
0.000	2880	2880
0.350	3250	3250
0.650	3655	3976
1.000	3900	4277
0.000	4200	4614

2750
1376

TIME	V RMS	V INT
0.000	2880	2880
0.350	3175	3175
0.650	3330	3502
1.000	3655	4192
0.000	4200	4682

2560
1280

TIME	V RMS	V INT
0.000	2880	2880
0.350	3175	3175
0.750	3490	3744
1.000	3740	4406
0.000	4200	4614

2365
1193

TIME	V RMS	V INT
0.000	2880	2880
0.350	3175	3175
0.650	3490	3888
1.000	3740	4544
0.000	4200	4544

2225
1113

TIME	V RMS	V INT
0.000	2880	2880
0.350	3175	3175
0.650	3490	4419
1.010	3825	4574
0.000	4200	4651

2080
1040

LINE 8103
LOC 6502

TIME	V RMS	V INT
0.000	2880	2880
0.350	3250	3250
0.680	3570	3838
1.000	3900	4232
0.000	4200	4707

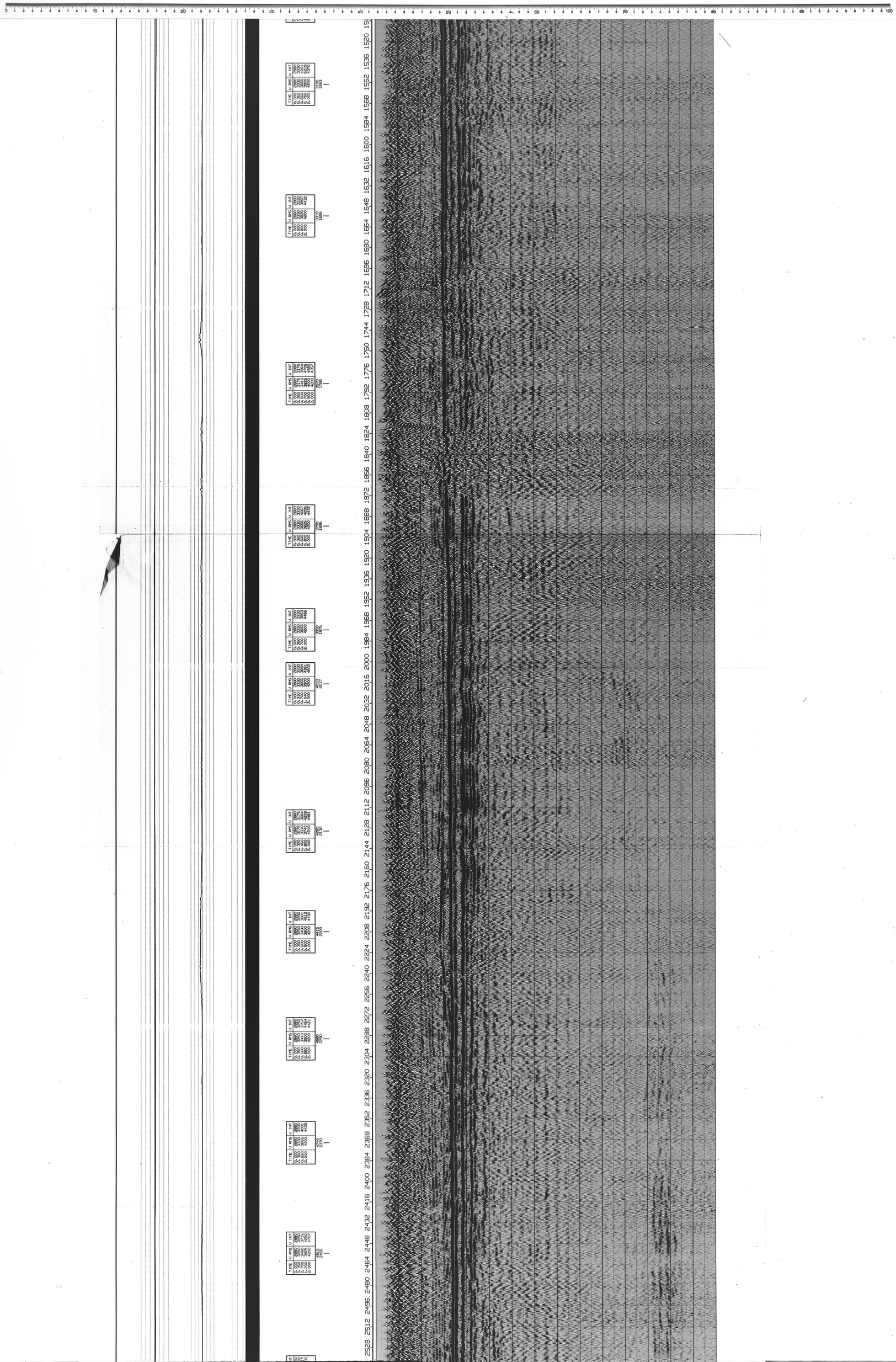
1820
910

TIME	V RMS	V INT
0.000	2880	2880
0.350	3250	3250
0.620	3490	3778
1.000	3825	4316
0.000	4200	4544

1620
810

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. 8110 PART NO. 3 OF 4 R.R. 10X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1000 2000 3000 4000
1000 2000 3000 4000
1000 2000 3000 4000

2080 Walley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-6E

LINE NO. 8110

PART NO. 4 OF 4

R.R. 10X