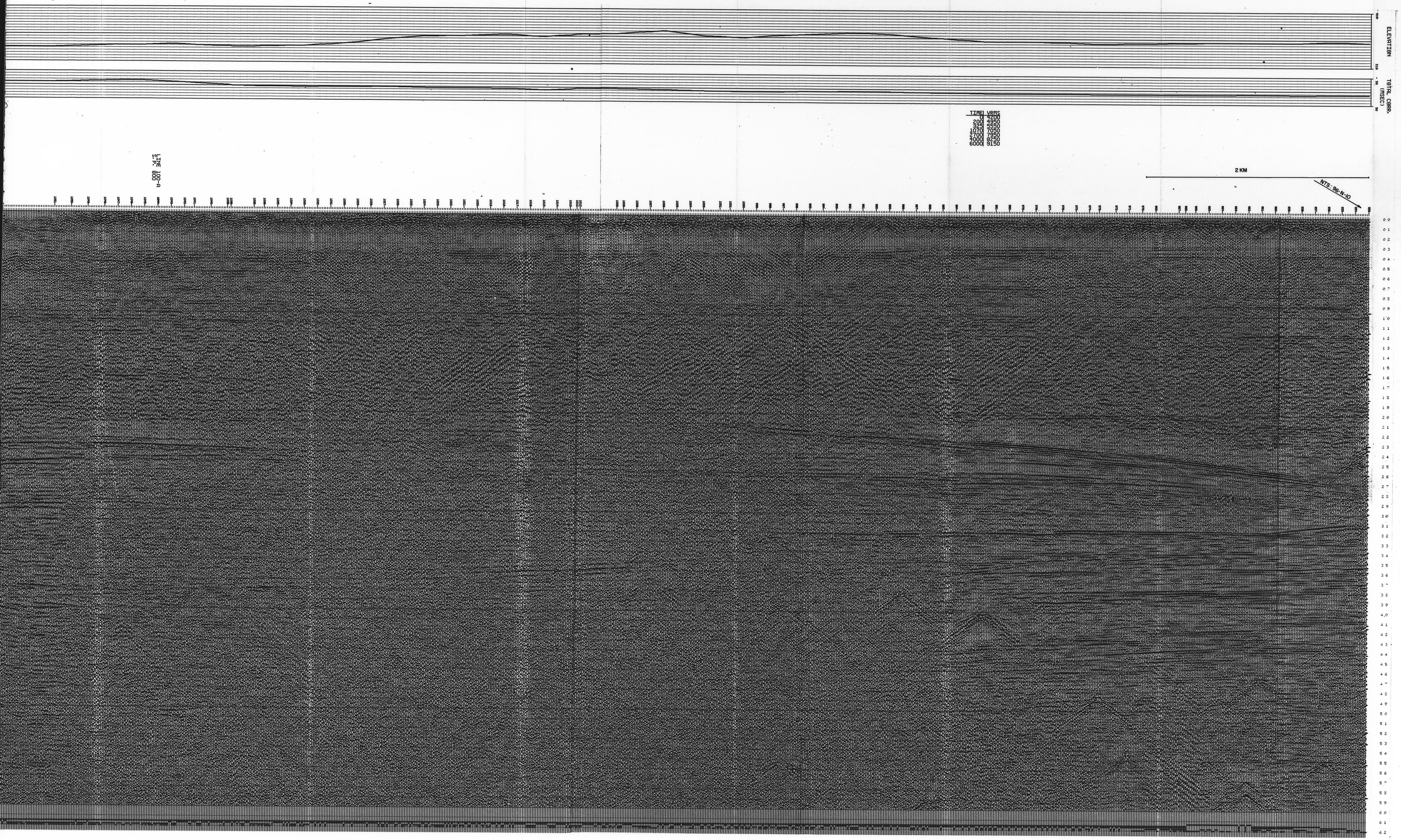

TIME	VRMS
0	4200
200	4950
325	5550
1070	7050
2700	7950
4000	8250
6000	9150

Canada Oil and Gas Lands Administration
Administration du pétrole et du gaz des terres du Canada
JUIL JULY 12 1982
Resource Evaluation Branch
Direction de l'Évaluation des Ressources
project # 246-6-5-108

SEFEL J. & ASSOCIATES
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT PETRO-CANADA EXPLORATION

PROSPECT COLVILLE NORTH

LINE 77-A DIRECTION S.E. →

FIELD PARAMETERS

SHOT BY	WESTERN GEOPHYSICAL
DATE	JAN.-MAR./1979
GROUP INTERVAL	30 M
SHOT POINT INTERVAL	120 M
SPREAD CONFIGURATION	1440-30-X-30-1440
GEOPHONES PER GROUP	9, OVER 60 M
AVERAGE HOLE DEPTH	15 M
INSTRUMENTS	DFS V 96 TRACE
RECORDING FOLD	1200 PERCENT
RECORD LENGTH	6 SEC
SAMPLE INTERVAL	2 MSEC
FIELD FILTER	0-128 HZ

PROCESSING SEQUENCE

1 DEMULTIPLEX AND BINARY GAIN REMOVAL	
PROCESSING SAMPLE RATE	4 MSEC
2 DISPLAY ON PAPER	
3 CDP TRACE GATHER	1200 PERCENT
4 BANDPASS FILTER	10-90 HZ
FILTER LENGTH	320 MSEC
5 PROGRAM GAIN APPLICATION	
6 WX STATICS	
CORRECTION VELOCITY	6000 M/SEC
DATUM ELEVATION	305 M/ASL
7 DECONVOLUTION	
DESIGN WINDOW	800-3300 MSEC
PREDICTION TIME	8 MSEC
OPERATOR LENGTH	80 MSEC
PREWHITENING	1 PERCENT
8 VELOCITY ANALYSIS	
9 NMO	
10 BANDPASS FILTER	15-75 HZ
FILTER LENGTH	320 MSEC
11 BRUTE STACK	
12 NMO DISPLAY	
13 TRACE EDITS	
14 AUTOMATIC RESIDUAL STATICS	
WINDOW	800-4000MSEC
MAX CORRELATION LAG	± 30 MSEC
15 MUTE	
16 STACK	1200 PERCENT
17 TIME VARIANT FILTER	
0-500 MSEC 25-75 HZ	
1500-6000 MSEC 15-75 HZ	
FILTER LENGTH 320 MSEC	
18 DIGITAL AGC	WINDOW 500MSEC
19 DISPLAY ON PAPER	
20 DISPLAY ON FILM	NORMAL POLARITY
3.75 IPS	
16 TPI	

COMMENTS

DATA PREPARATION BY SEFEL J. AND ASSOCIATES
PARAMETER SELECTION BY PETRO-CANADA

QC GEOPHYSICIST K.R. S INITIALS DATE JUNE, 1979

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

PROJ. NO. 246-6-5-108

LINE NO. 77A

PART NO. 1 OF 3

TIME	VRMS
0	4200
200	4950
430	5550
1500	7150
2900	7750
4000	8250
6000	9150

TIME	VRMS
0	4200
200	4950
430	5475
1300	6850
2700	7650
4000	8250
6000	9150

LINE 104-A
S.P. 750

TIME	VRMS
0	4200
200	4950
500	5600
1100	6500
2000	7350
4000	7950
6000	9150

60 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
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ex: 053-3502 Cable: TERRA

PROJ. NO. 246-6-5-108

LINE NO. 77A

PART NO. 2 **OF** 3

R.R. 10X

TIME	VRMS
0	4200
200	4950
415	5550
1350	6250
2700	7350
4000	7950
6000	9150

TIME	VRMS
0	4200
200	4950
420	5850
1700	7050
2700	7650
4000	8250
6000	9150

TIME	VRMS
0	4200
200	4950
435	5400
1600	6750
2700	7350
4000	7950
6000	9150

TIME	VRMS
0	4200
250	4800
425	5550
1300	6450
2700	7350
4000	7950
6000	9150

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LINE NO. 77A

PART NO. 3 **OF** 3

R.R. 10X