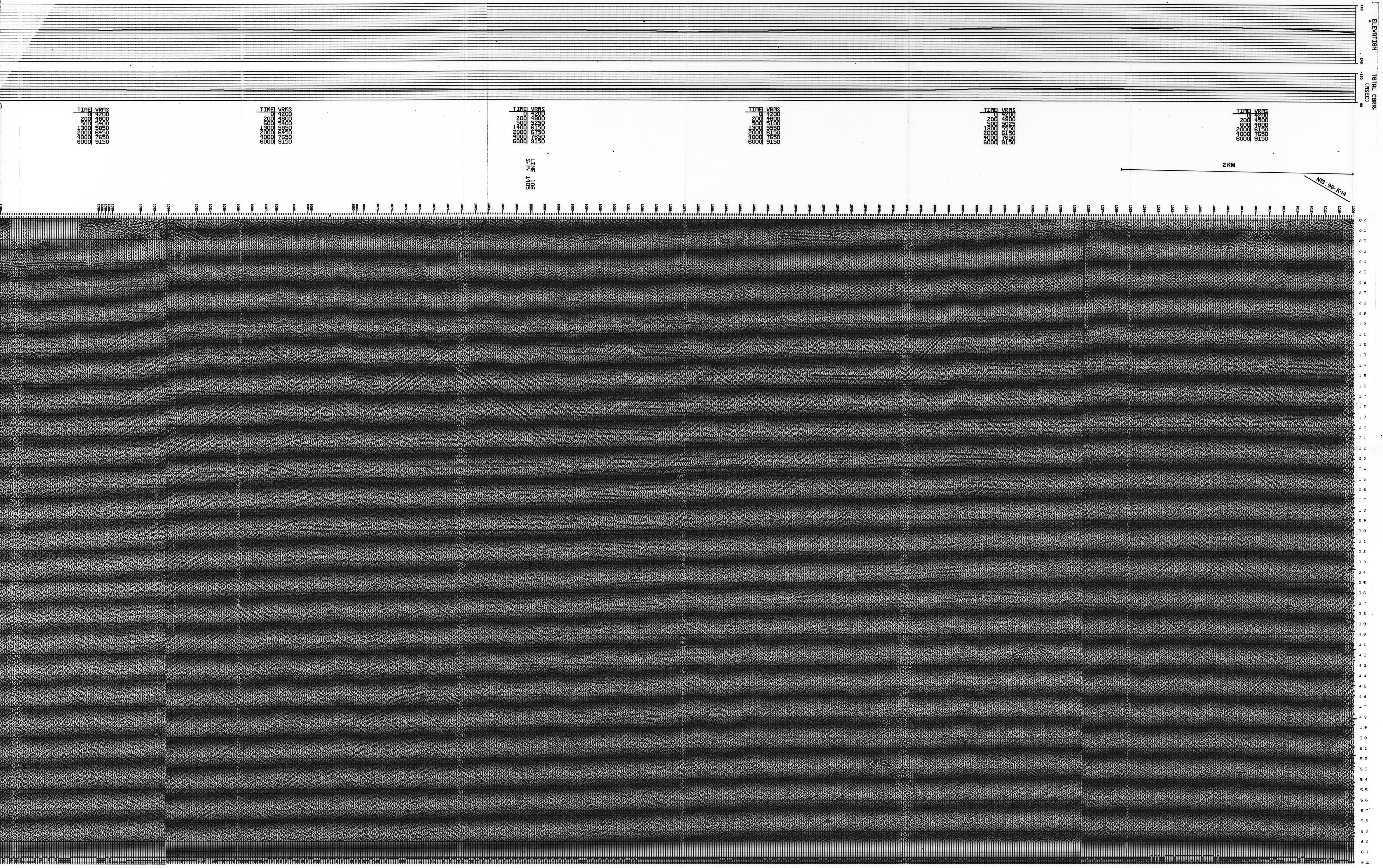
Canada Oil and Gas Lands Administration
Administration du pétrole et du gaz des terres du Canada

JULY 12 1982

Resource Evaluation Branch
Direction de l'évaluation des Ressources

Project # 246-6-5-108



TIME	VRMS
0	4200
200	4800
500	5400
1300	5850
2000	6450
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4800
600	5400
1300	5850
2000	6450
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4800
500	5250
1400	6150
2000	6750
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4800
500	5100
1300	5550
2000	6150
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4800
500	5025
1300	5550
2000	6150
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4500
600	4800
2000	6150
4000	7650
6000	9150

SEFEL J. & ASSOCIATES
DATA PROCESSING CONSULTANTS (CALGARY)

CLIENT PETRO-CANADA EXPLORATION

PROSPECT COLVILLE SOUTH

LINE 129-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	1000-4000MSEC
MAX CORRELATION LAG	±25
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	500MSEC WINDOW
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 JULY, 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. 129A

PART NO. 1 OF 3

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

PROJ. NO. 2 4 6 - 6 - 5 - 1 0 8

LINE NO. 1 2 9 A

PART NO. 2 **OF** 3

R.R. 10X

TIME	VRMS
0	4200
200	4800
500	5250
1400	6150
2000	6750
4000	7650
6000	9150

LINE 106
S.P. 1405

TIME	VRMS
0	4200
200	4800
600	5400
1300	5850
2000	6450
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4800
500	5400
1300	5850
2000	6450
4000	7650
6000	9150

TIME	VRMS
0	4200
200	4800
700	5400
1400	5850
2500	6450
4000	7350
6000	9150

TIME	VRMS
0	4200
200	4800
500	5250
1500	5850
2500	6450
4000	7350
6000	9150

TIME	VRMS
0	4650
600	5250
1100	6150
2000	6450
4000	7950
6000	9150

LINE 116
S.P. 1479

TIME	VRMS
0	4200
200	4800
600	5550
1500	6750
2500	7350
4000	7950
6000	9150

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PROJ. NO. 2 4 6 - 6 - 5 - 1 0 8

LINE NO. 1 2 9 A

PART NO. 3 **OF** 3

R.R.

TIME	VRMS
0	4200
200	4650
700	5100
1500	5850
2480	6450
4000	7350
6000	9150

TIME	VRMS
0	4200
200	4650
700	5250
1500	6450
2600	7350
4000	7950
6000	9150

TIME	VRMS
0	4200
200	4800
600	5550
1500	6750
2500	7350
4000	7950
6000	9150

TIME	VRMS
0	4650
600	5250
1100	6150
2000	6450
4000	7950
6000	9150

TIME	VRMS
0	4200
200	4800
500	5250
1500	5850
2500	6450
4000	7350
6000	9150

TIME	VRMS
0	4200
200	4800
700	5400
1400	5850
2500	6450
4000	7350
6000	9150

LINE 116
S.P. 1479