Terra Geophysics
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PROJ. NO. 9229-P28-2E

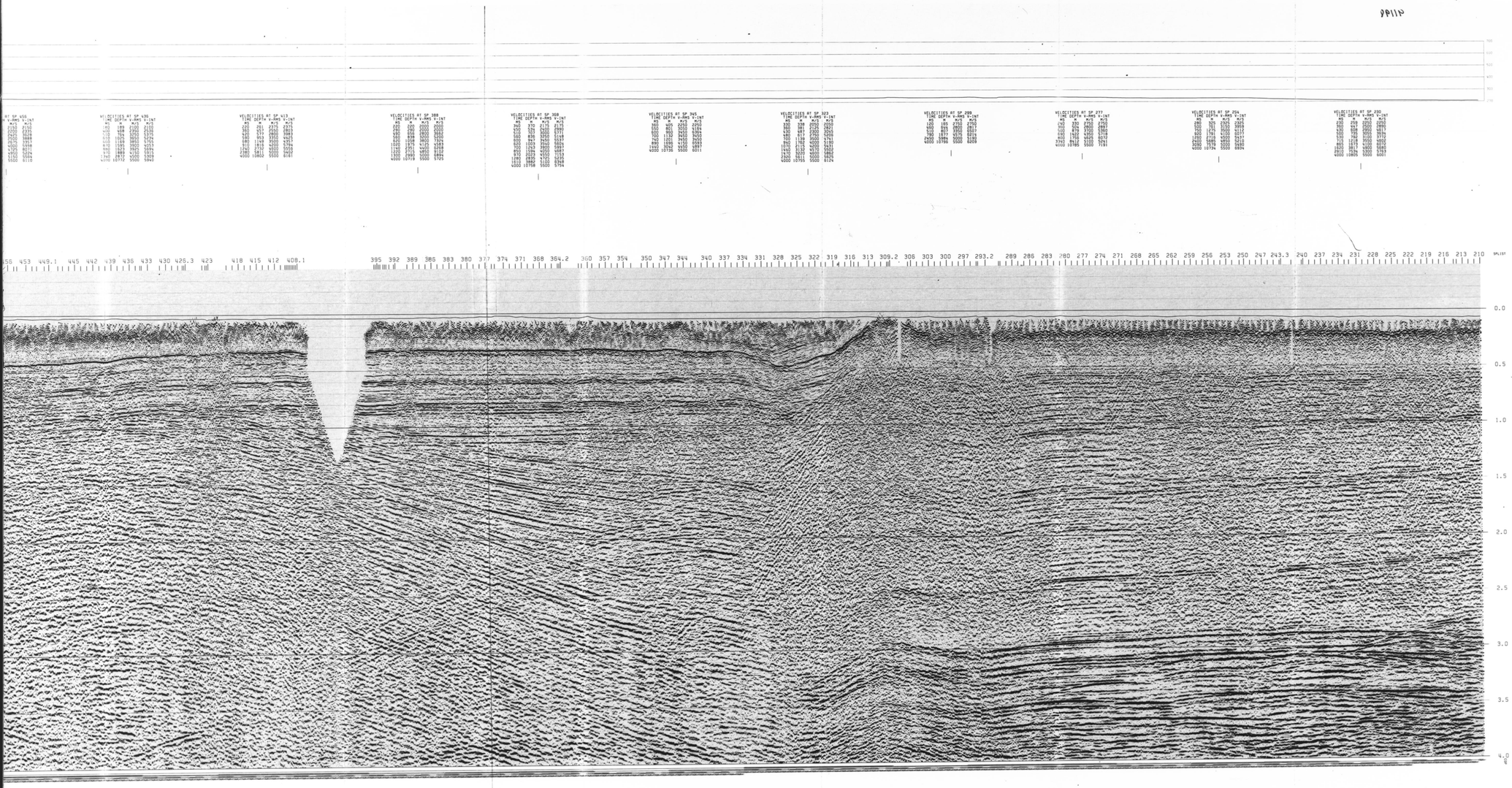
LINE NO. 60X

PART NO. 1 OF 3

R.R. 10X

Canada Oil and Gas Lands Administration
Administration des permis et de gaz des terres du Canada
MAY 1 1985
Resource Evaluation Branch
Direction des évaluations des ressources
Project #

9229 P28 2E



PETRO-CANADA

AREA: BLACKWATER LAKE

LINE: 60X NORTHEAST
SP 210 - 855+99

SECTION TYPE: STRUCTURAL STACK

POLARITY: NORMAL (FIRST BREAKS TURN DOWN)

LOCATION: NTS 96B

RECORDING

RECORDED BY : WESTERN GEOPHYSICAL PARTY : 302
ENERGY SOURCE : DYNAMITE CHARGE SIZE : 2 KG
DATE : APRIL 1984
INSTRUMENTS : DFS V RECORD LENGTH : 6 SEC
FIELD FILTER : 8 - 128 SAMPLE RATE : 2 MS
DATA : FLOATING POINT TRACES/SHOT : 96
SOURCE ARRAY : SINGLE HOLE PATTERN

SHOT DEPTH : 18M
GEOPHONE ARRAY : 9 AT 7.5 METERS
SPREAD DESCRIPTION :
-96:183TH - -48:93M - 0 - 48:93M - 96:183TH
GEOPHONE TYPE : LPS 14 HZ
GROUP INTERVAL : 33 M FOLD : 1200 %
SHOT INTERVAL : 132 M VIBROSEIS :
SWEEP LENGTH :
SWEEP :

PROCESSING DESCRIPTION

DATE : JUNE 1984
1 DEMULTIPLEX:DISPLAY: 2 MS SAMPLE RATE
2 EDIT
3 AMPLITUDE RECOVERY
EXP. DATA

4 DECONVOLUTION - TYPE : SPIKING

OPERATOR LENGTH : 80 MS PREWHITENING 1%
DESIGN WINDOW : 250 TO 2950 AT 33 M OFFSET
800 TO 3600 AT 132 M OFFSET

5 STRUCTURAL CORRECTIONS - (MODE - ELEVATION)
DATUM : 305 M DATUM VELOCITY : 2450 M/SEC
6 VELOCITY SPECTRA
7 AUTOSTAT-MAGNA - SURFACE CONSISTENT RESIDUAL STATICS
DESIGN WINDOW : 100 - 1000 MS. CDP 1
: 100 - 1500 MS. CDP 5108
8 SHOT GEOPHONE STACK
9 VELOCITY SPECTRA
10 NMO
11 COMMON RANGE STACK
12 AGC - AUTOMATIC AMPLITUDE CONTROL 750 MS. WINDOW

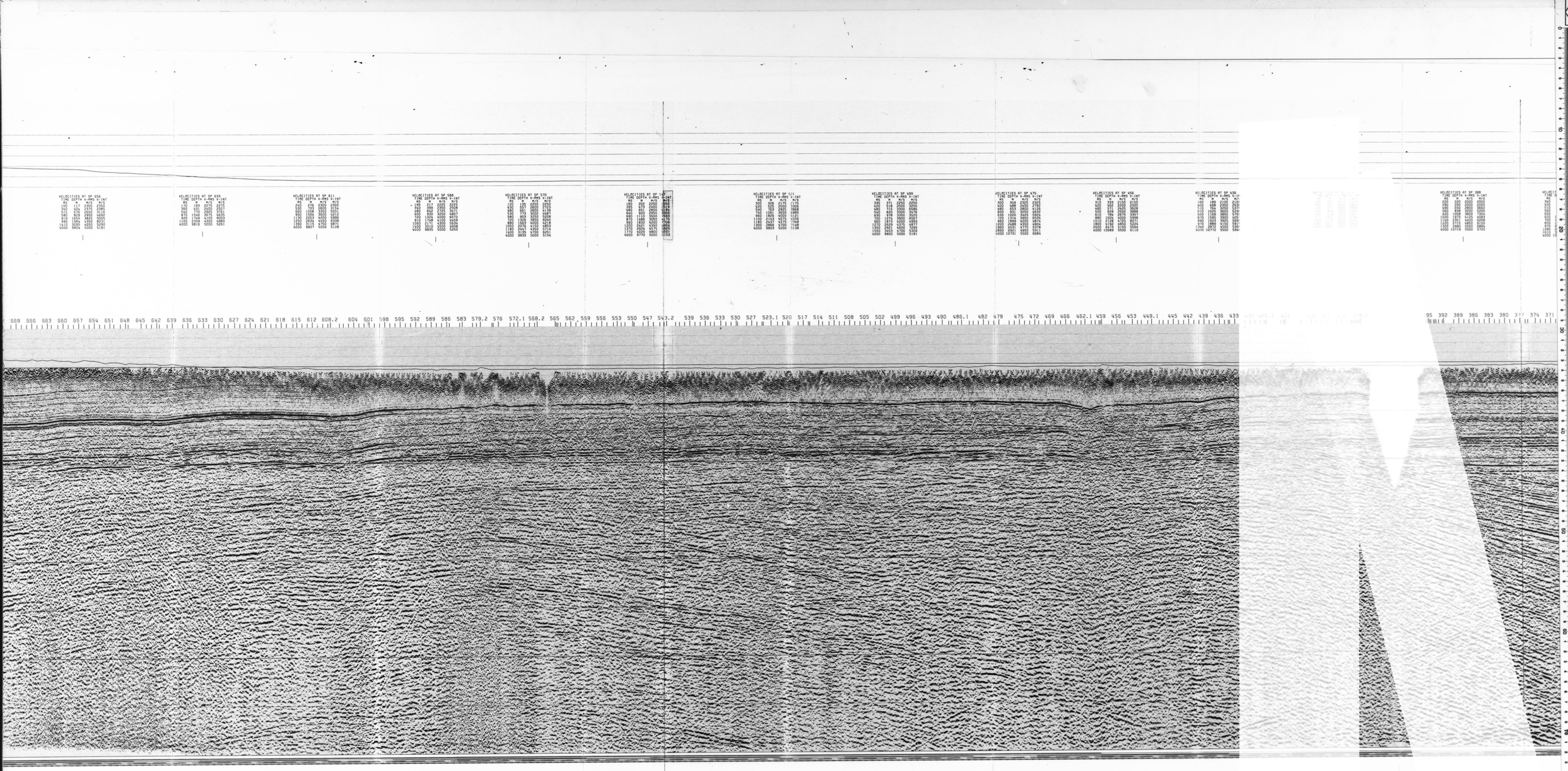
13 TRACE MUTING
DISTANCE (M) : 0 398 429 1017
TIME (MS) : 0 0 500 1500

14 STACK : 1200%

15 FILTER
14-120 - 80-120

16 BASE LEVEL SCALING

17 DISPLAY TO FILM
SCALE: HORZ 40 TRCS VERT 3.75 IPS
CDP INTERVAL 16.5 M
JOB NUMBER : 9A1179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