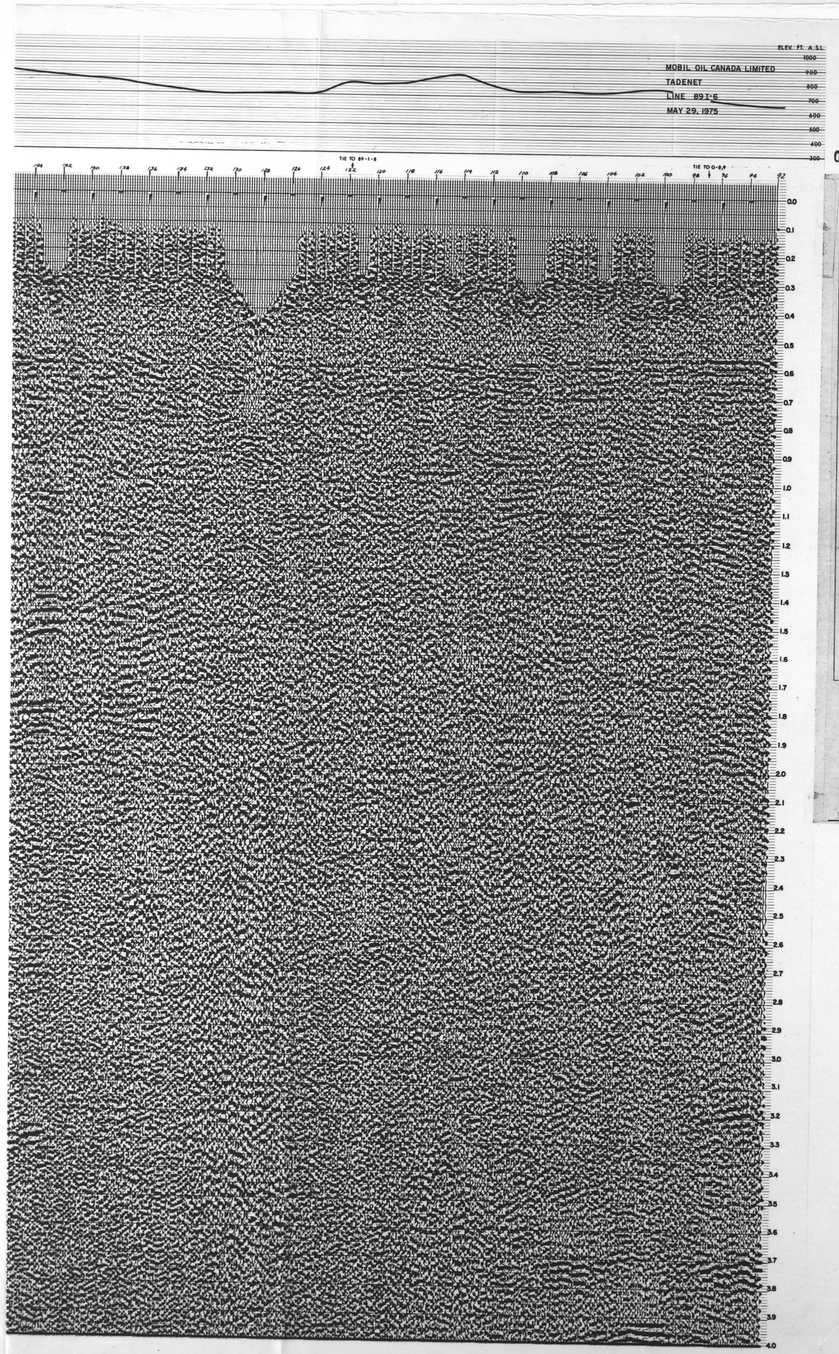
October 1975
11x
MICROMAT
105 M.M.
WEST CANADIAN GRAPHIC INDUSTRIES LTD.
CALGARY, ALBERTA
Phone 263-2555
057-06-06-086



057-06-06-086

PROJECT NO. CG-6-6-75-1

DIRECTION NW

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. 89-I-6
SHOTPOINT 92 TO SHOTPOINT 402
CREW NOC 89 AREA Northern Canada
CHARG. NO. 218 NAME YANKTIE BAY
PROV. N.W.T. SAV. TALESBURY
LONG.
SECTION TYPE STRUCTURE

RECORDING INFORMATION

RECORDED FOR Mobil Oil Canada Ltd.
DATE RECORDED MARCH, 1975
TOTAL FOLD 8 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL 3 TRACES B.P.I. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS III
RECORD LENGTH 4 sec. SAMPLE RATE 2 ms
FIELD FILTER LOWCUT 10, 36 db/octave
HIGHCUT 124 db/octave
GAIN CONTROL ☒ BINARY ☐ AGC
ENERGY SOURCE ☒ DYNAMITE ☐ DIDDIES
☐ THUMPER ☐ OTHER
☐ VIBROSEIS
SWEEP FREQUENCY
SWEEP LENGTH sec.
NO. OF SWEEPS
☐ GUN TYPE
DEPTH ft.
CAPACITY cu. inches
NO. OF GUNS
ENERGY SOURCE SPACING ft.
TYPE GEOPHONE HS7 14 CYCLE
NO. OF GEOPHONES PER GROUP 18
GROUP INTERVAL 220 ft.
SPREAD CONFIGURATION RIGHTEAST
CABLE DEPTH
SPREAD DIAGRAM

TR 48 5280' | TR 25 220' | TR 24 220' | TR 1 5280'

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE 1"
SUBSURFACE TRACE SEPARATION in. Metres
MIX ☐ YES ☐ NO TYPE
PLAYBACK DATE
REMARKS

PROCESSING PARAMETERS AND SEQUENCE

8 - FOLD

DATE PROCESSED APRIL, 1975
PROCESSED SAMP. RATE 4 ms
INPUT FORMAT SEG B 9 TRACE
DATUM 1,000 VELOCITY TO DATUM 10,000

1 BINARY GAIN RESTORATION ☒
F.P. DTRIM LENGTH OF WINDOW ms
X DIVERGENCE 5 at Ft./sec. 64 at Ft./sec.
2 HORIZONTAL COMPOSITE ___ to ___
3 EDIT
X TRACE MUTE ___ DATUM STATICS
MEAN REMOVAL
4 TRACE EQUALIZATION:
X DTRIM ___ DTRIM
___ ms window ___ to ___ ms ___ ms window ___ to ___ ms
___ SEC. WINDOW ___ to ___ ms SINGLE WINDOW TRIM ___ to ___ ms
SINGLE WINDOW TRIM ___ to ___ ms MULTI-WINDOW TRIM ___ to ___ ms
MULTI-WINDOW TRIM ___ to ___ ms
___ to ___ ms
___ to ___ ms
___ to ___ ms
REMARKS
20 X -FOLD GATHER
19 DECONVOLUTION
SINGLE WINDOW SPIKE ___ to ___ ms
MULTI-WINDOW SPIKE ___ to ___ ms
SINGLE WINDOW GAPPED ___ to ___ ms
REMARKS
18 STATICS METHOD APPLD XMO
16 VELOCITY DETERMINATION CONSTANT VEL.
SPACING
15 NMO X SAMPLE MOVE WAVELET SUMMATION
12 FILTER X TIME DOMAIN FREQ. DOMAIN
BIRC BANDPASS hz. LENGTH ms
BIRC BANDPASS hz. LENGTH ms
TIME VARIANT:
TIME ZONE BANDPASS LENGTH
ms hz. ms
ms hz. ms
ms hz. ms
ms hz. ms
11 -FOLD CDP STACKING SUMMATION OVT CONSP
17 CONSP 4.75-2.5 March 80 May 30
13 SHOTZOOM
14 PREVIOUS FILTERED
7
6
REMARKS Final Reels Archived onto reel
No. V9
R. Bross/W. Deitrock
Current

TRACE MUTING
TWO WAY TIME IN SEC.
DISTANCE

DIGITAL FILTERING
TWO WAY TIME IN SEC.
FREQUENCY CPS

NOTE:-

LAND

LINE NO. 89-I-6

FILE NO. 75-2-6

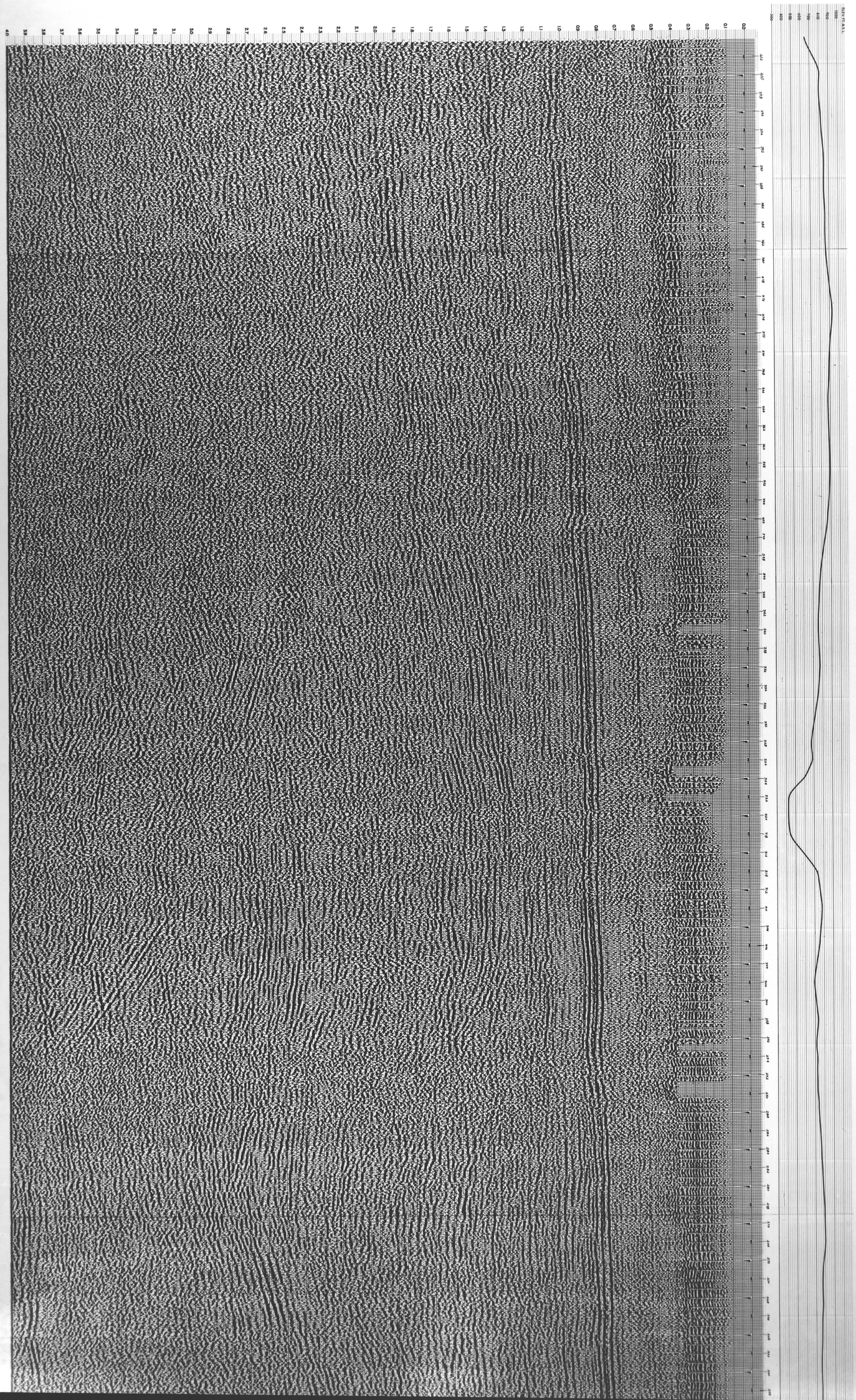
07-06-06-086

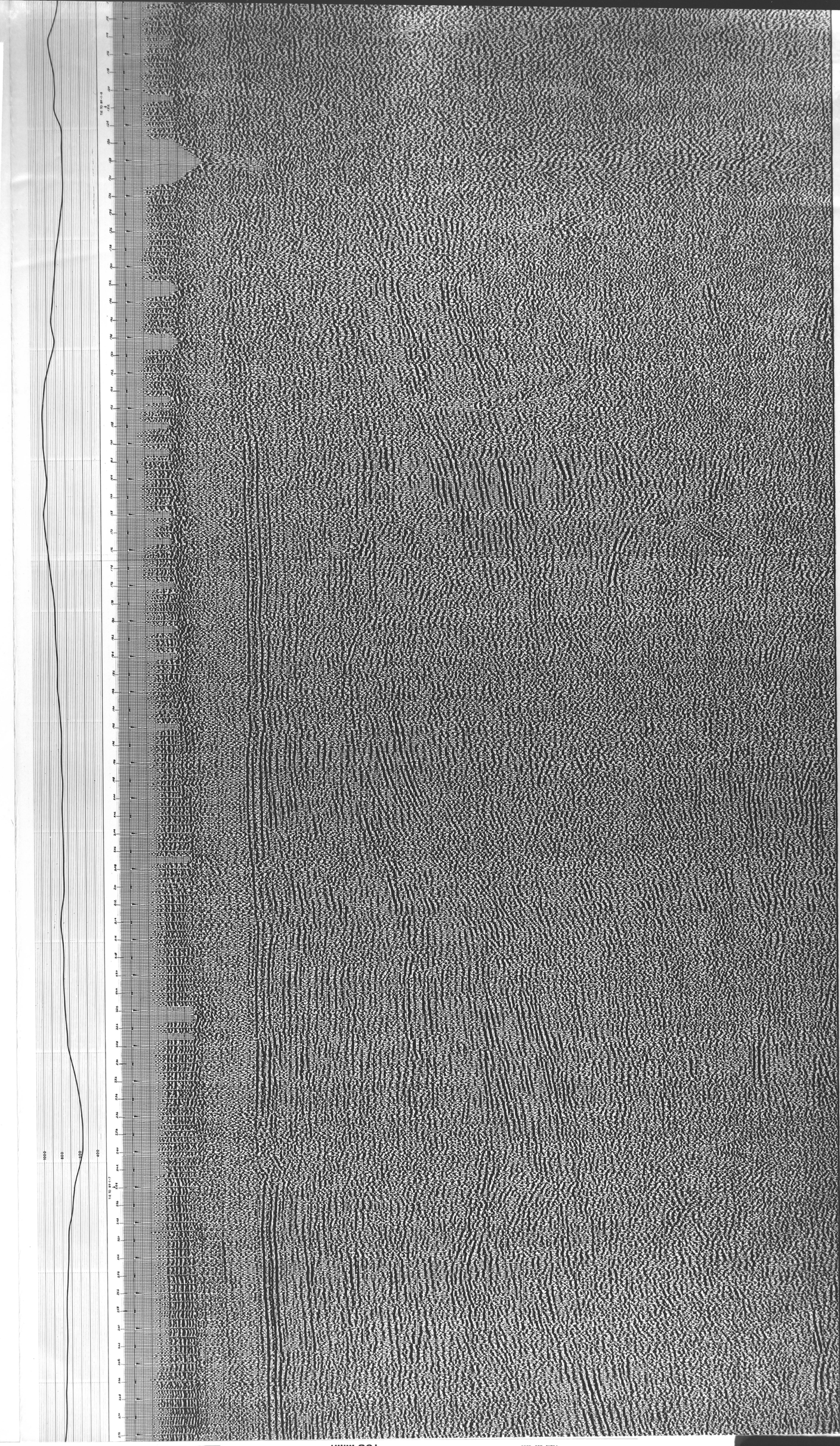
WEST CANADIAN GRAPHIC INDUSTRIES LTD.
810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975





057-06-06-086

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810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975

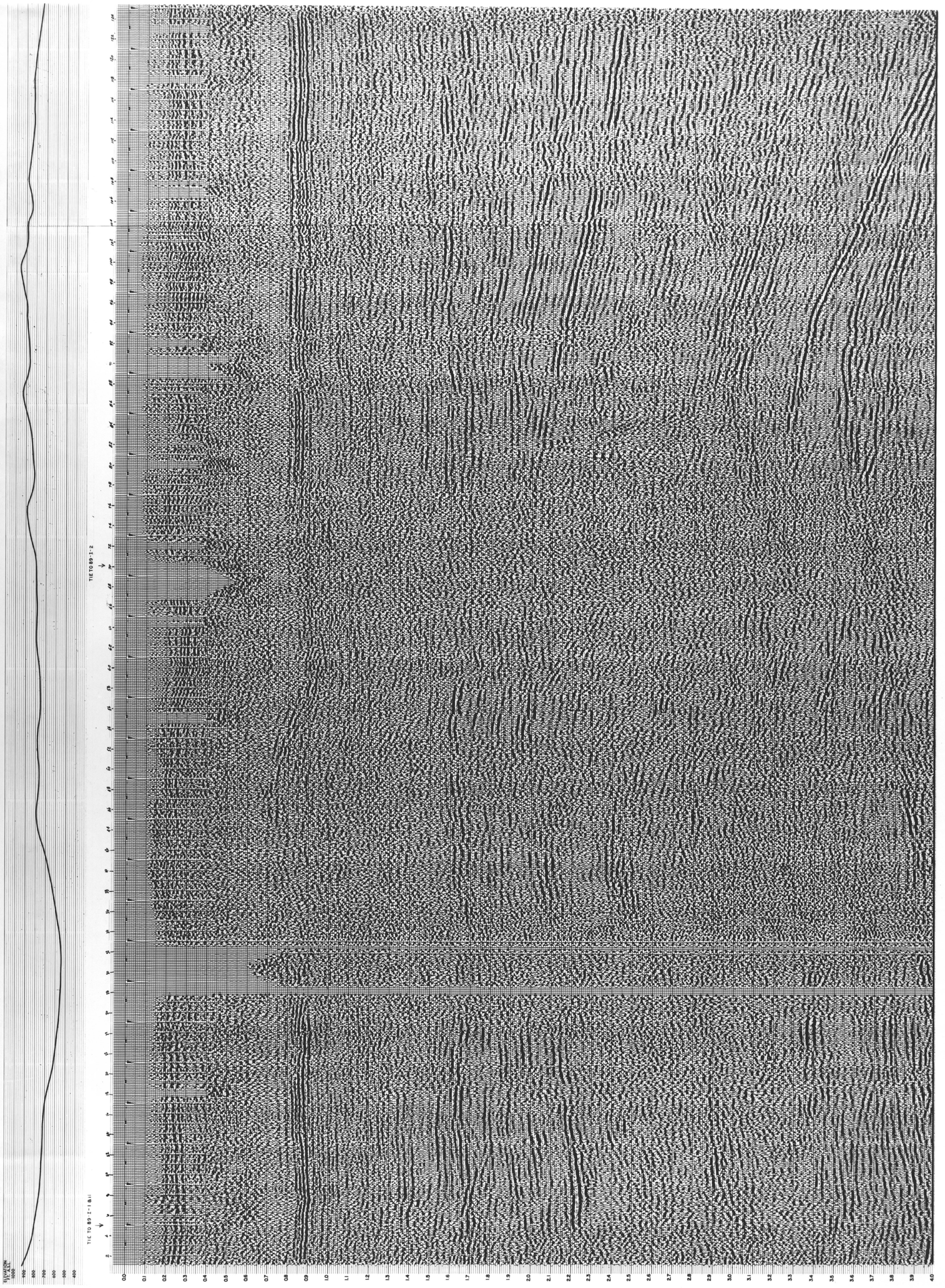
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Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975



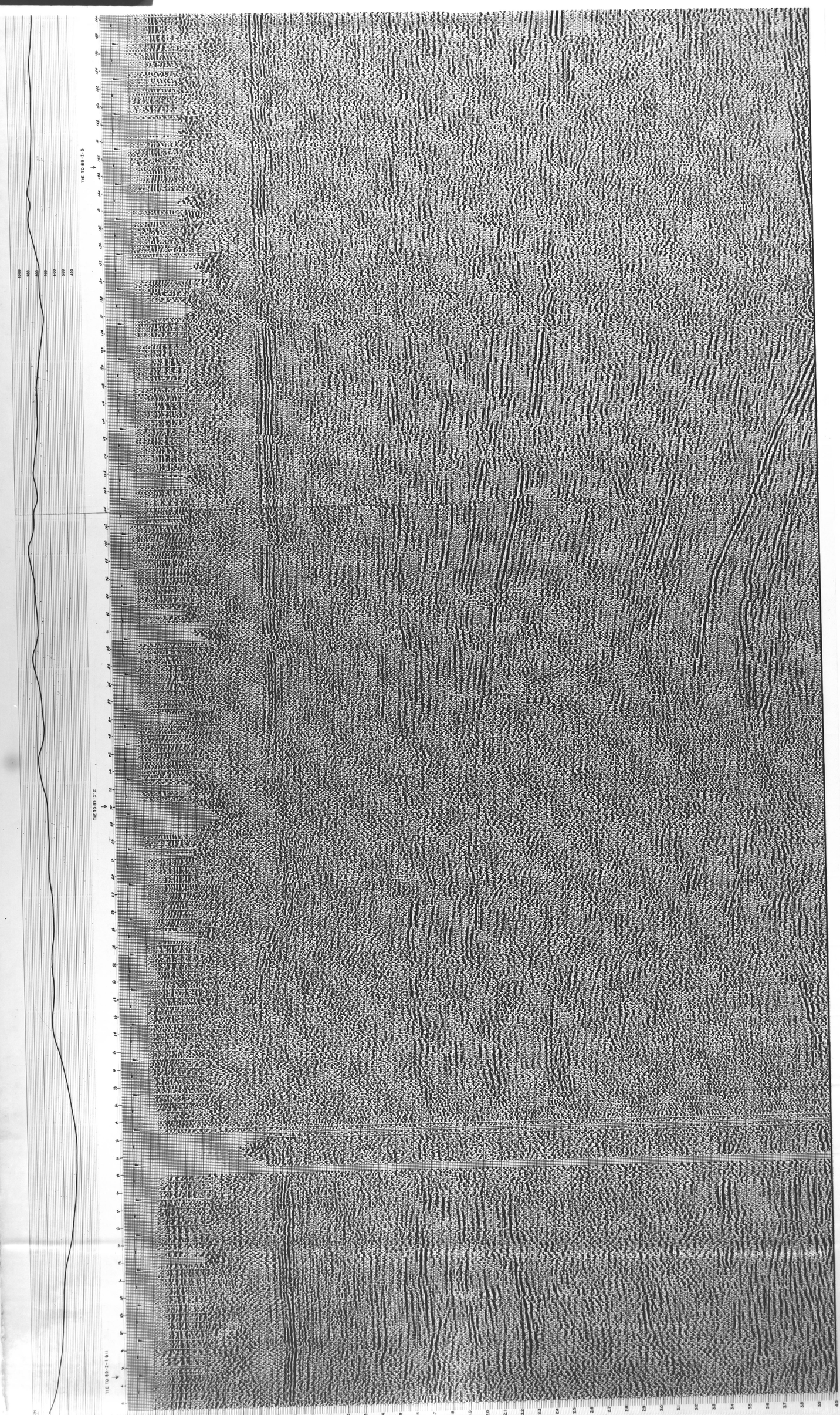
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WEST CANADIAN GRAPHIC INDUSTRIES LTD.
80 - 36th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975



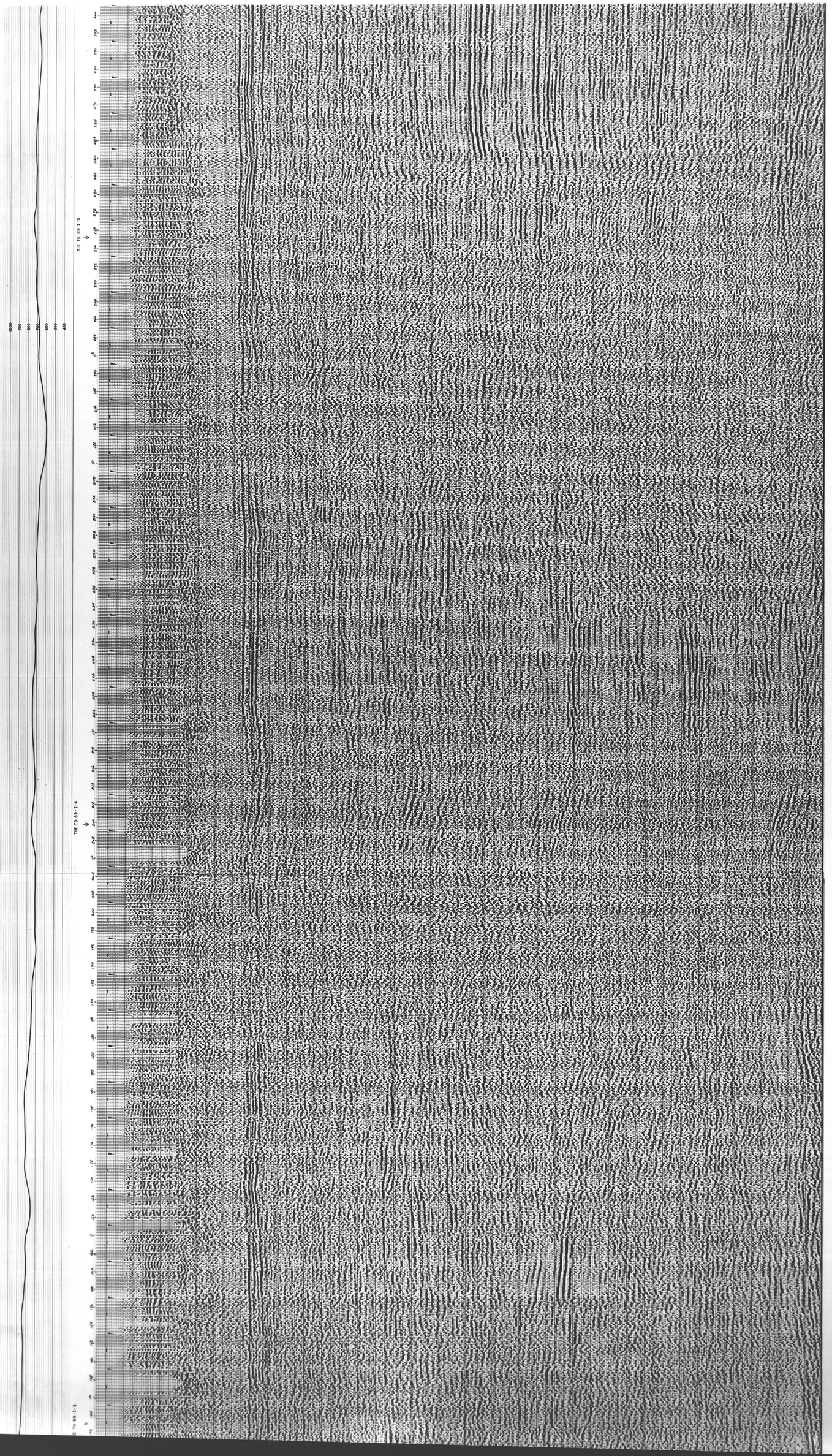
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WEST CANADIAN GRAPHIC INDUSTRIES LTD.
80 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975



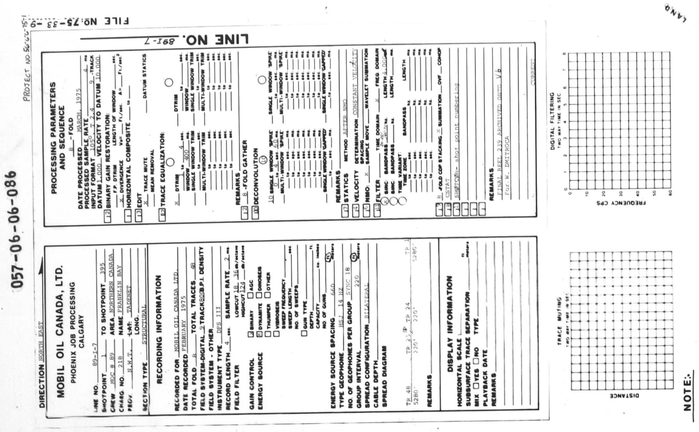
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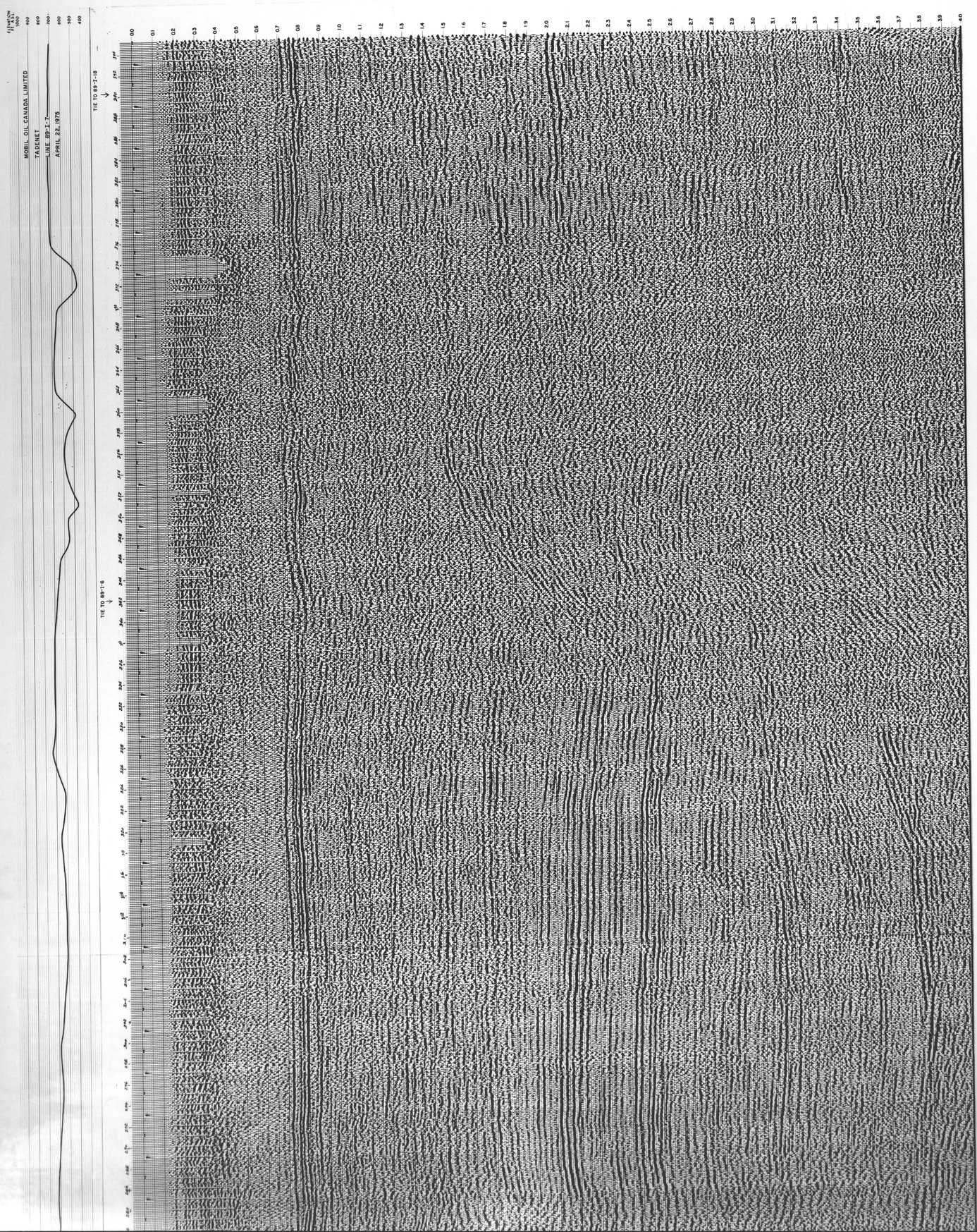
WEST CANADIAN GRAPHIC INDUSTRIES LTD.
801 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975





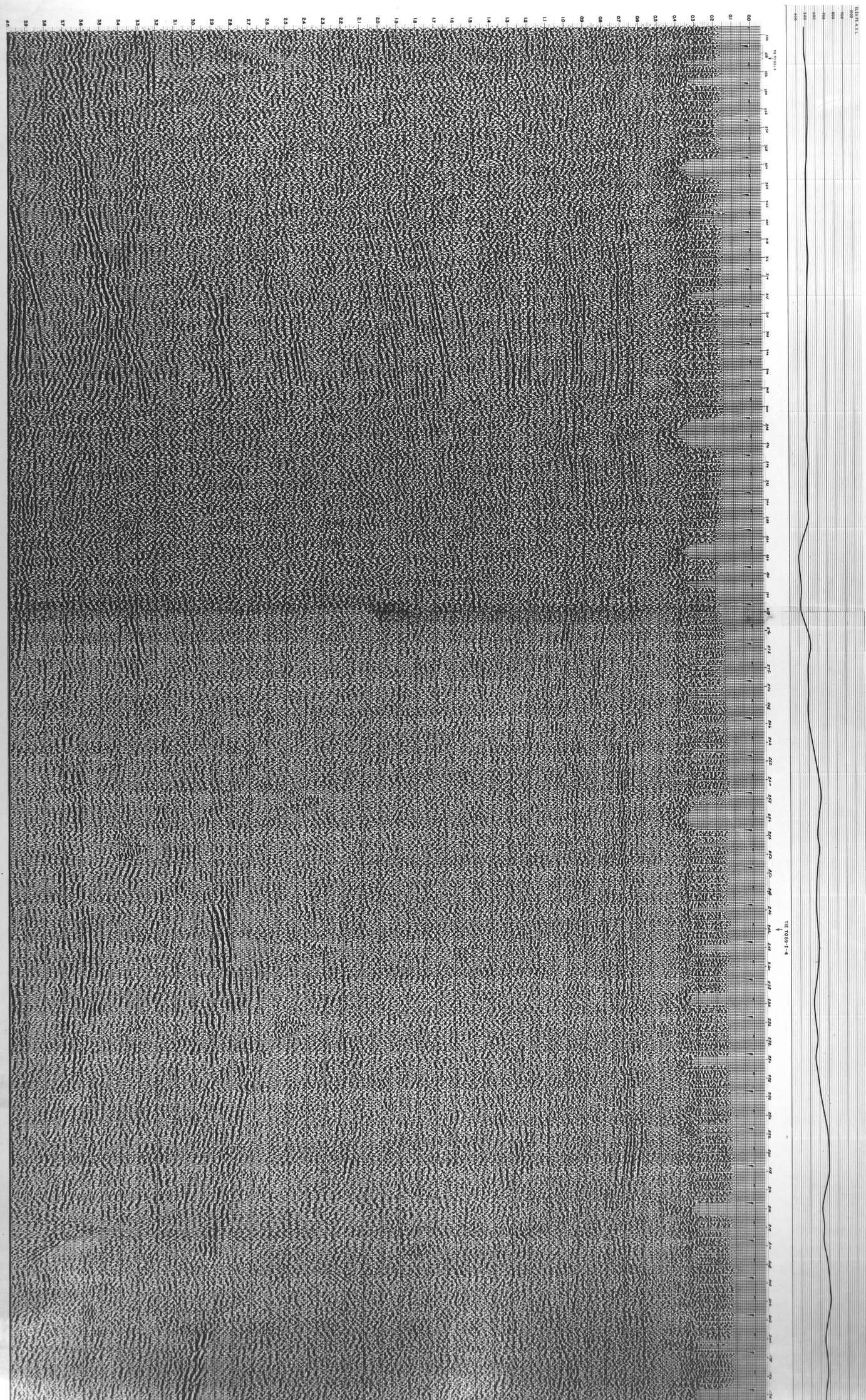
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WEST CANADIAN GRAPHIC INDUSTRIES LTD.
810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975



October 1975

11x

MICROMAT
105 M.M.

WEST CANADIAN GRAPHIC INDUSTRIES LTD.
80 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

057-06-06-086

PROJECT NO. SUS-6-75-1

DIRECTION NORTH EAST

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. 89-I-8
SHOTPOINT 842 TO SHOTPOINT 101
CREW W 89 AREA NORTHERN CANADA
CHARG NO. 216 NAME FRANKLIN BAY
PROV. N.W.T. LAT: TADENET
LONG.
SECTION TYPE STRUCTURAL

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA LTD.
DATE RECORDED MARCH, 1975
TOTAL FOLD 6 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL 3 TRACE B.P.I. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS III
RECORD LENGTH 4 sec. SAMPLE RATE 2 ms
FIELD FILTER LOWCUT 18 db/octave
HIGHCUT 136 db/octave
GAIN CONTROL ☑ BINARY ☐ AGC
ENERGY SOURCE ☐ DYNAMITE ☐ SHOTGUN
☐ THUMPER ☐ OTHER
☑ VIBROSEIS
SWEEP FREQUENCY
SWEEP LENGTH sec
NO. OF SWEEPS
☐ GUN TYPE
DEPTH ft.
CAPACITY cu. inches
NO. OF GUNS
ENERGY SOURCE SPACING 660 ☑ Feet ☐ Meters
TYPE GEOPHONE MEQ 16HE
NO. OF GEOPHONES PER GROUP SYNC 18
GROUP INTERVAL 220 ☑ Feet ☐ Meters
SPREAD CONFIGURATION BILATERAL
CABLE DEPTH
SPREAD DIAGRAM

TR 48 — SP — TR 24 — TR 1
5280' — 220' — X — 220' — 5280'

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE
SUBSURFACE TRACE SEPARATION ft. ☐ Meters
MIX ☐ YES ☐ NO TYPE
PLAYBACK DATE
REMARKS

PROCESSING PARAMETERS AND SEQUENCE
6-FOLD

DATE PROCESSED April, 1975
PROCESSED SAMPLE RATE 4 ms
INPUT FORMAT IBM 9 ch 9 TRACK
DATUM 1,000 VELOCITY TO DATUM 10,000

1 BINARY GAIN RESTORATION
F.P. DTRM LENGTH OF WINDOW sec.
2 DIVERGENCE V=r^n ft/sec n= ft/sec²
3 HORIZONTAL COMPOSITE sec
4 EDIT
1,2 TRACE MUTE DATUM STATICS
BEAM REMOVAL
5 TRACE EQUALIZATION
1) DTRM 2) DTRM
WINDOW 450 ms WINDOW 50 ms
SINGLE WINDOW TRIM SINGLE WINDOW TRIM
MULTI-WINDOW TRIM MULTI-WINDOW TRIM
REMARKS
6 6 - FOLD GATHER
7 DECONVOLUTION
1) SINGLE WINDOW SPIKE 2) SINGLE WINDOW SPIKE
Dim A ms Dim A ms
MULTI-WINDOW SPIKE MULTI-WINDOW SPIKE
SINGLE WINDOW GAP SINGLE WINDOW GAP
REMARKS
8 STATICS METHOD APPLIED NMO
9 VELOCITY DETERMINATION CONST.VEL ANALYSIS
SPACING
10 NMO K SAMPLE MOVE WAVELET SUMMATION
11 FILTER TIME DOMAIN K - FREQ DOMAIN
SINC BANDPASS 8-50 Hz LENGTH 0.100 sec
SINC BANDPASS Hz LENGTH sec
TIME VARIANT
1) ms Hz BANDPASS LENGTH
ms Hz
ms Hz
2) ms Hz
ms Hz
ms Hz
12 6 - FOLD CDP STACKING & SUMMATION X-OUT CONST
13 CONSTANT VELOCITY ANALYSES FILTERED
14 CSTAT(7, 100, 450, 3800, 60, 20, 100)
15
16
17
REMARKS
FINAL REEL 379 ARCHIVED ONTO V6 / V8
For M. SMITHOCK
CURRENT

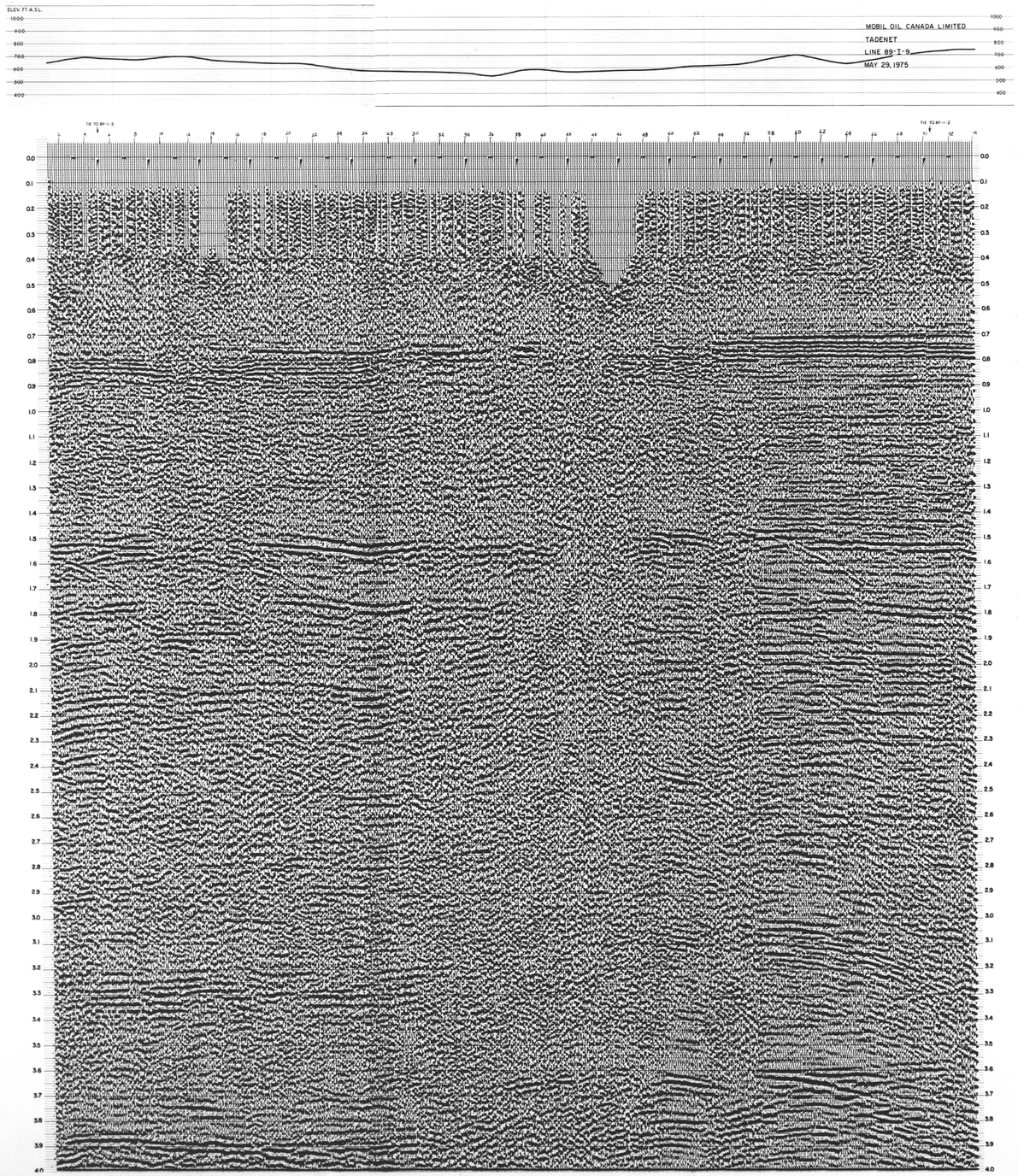
FILE NO. 79-10-25
LINE NO. 89-I-8

TRACE MUTING
TWO WAY TIME IN SEC.
DISTANCE

DIGITAL FILTERING
TWO WAY TIME IN SEC.
FREQUENCY CPS

NOTE:-

September 1975
11x
MICROMAT
105 M.M.
WEST CANADIAN GRAPHIC INDUSTRIES LTD.
80 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555
057-06-06-086



057-06-06-086

PROJECT NO. 5046-6751

DIRECTION EAST

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. 89-I-9
SHOTPOINT 1 TO SHOTPOINT 74
CREW NO. 89 AREA WESTERN CANADA
CHARG. NO. 218 NAME FRANKLIN BAY
PROV. N.W.T. LAT. TADENET
LONG.
SECTION TYPE STRUCTURAL

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA, LTD.
DATE RECORDED 1975
TOTAL FOLD 6 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL 2 TRACK B.P.I. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS III
RECORD LENGTH 6 sec. SAMPLE RATE 2 ms.
FIELD FILTER LOWCUT 10 10 db/octave
HIGHCUT 125 48 db/octave
GAIN CONTROL ☒ BINARY ☐ AGC
ENERGY SOURCE ☒ DYNAMITE ☐ DINOSEIS ☐ THUMPER ☐ OTHER ☐ VIBROSEIS SWEEP FREQUENCY SWEEP LENGTH NO. OF SWEEPS ☐ GUN TYPE GUN DEPTH CAPACITY NO. OF GUNS
ENERGY SOURCE SPACING 660 Metres
TYPE GEOPHONE SM-4 14 PP
NO. OF GEOPHONES PER GROUP SYNC 18
GROUP INTERVAL 220 Metres
SPREAD CONFIGURATION BILATERAL
CABLE DEPTH
SPREAD DIAGRAM

TR 48 5280' | TR 25 220' | TR 24 220' | TR 1 5280'

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE 1
SUBSURFACE TRACE SEPARATION Metres
MIX ☐ YES ☐ NO TYPE
PLAYBACK DATE
REMARKS SHOT BY WESTERN GEOPHYSICAL

PROCESSING PARameters AND SEQUENCE

6 FOLD
DATE PROCESSED MAY 1975
PROCESSED SAMPLE RATE 4 ms INPUT FORMAT SEG B 24 TRACK
DATUM 1000 VELOCITY TO DATUM 10,000
[1] BINARY GAIN RESTORATION
FP DTRIM LENGTH OF WINDOW sec.
DIVERGENCE %+/- ft./sec² to ft./sec²
[2] HORIZONTAL COMPOSITE tr
[3] EDIT
TRACE MUTE DATUM STATICS
MEAN REMOVAL
[4] TRACE EQUALIZATION
DTRIM sec. WINDOW ms. SINGLE WINDOW TRIM MULTI-WINDOW TRIM
REMARKS
[5] 6-FOLD GATHER
[6] DECONVOLUTION
SINGLE WINDOW SPIKE MULTI-WINDOW SPIKE SINGLE WINDOW GAPPED
REMARKS
[7] STATICS METHOD AFTER SDO
[8] VELOCITY DETERMINATION CONST.VEL ANALYSES SPACING
[9] NMO SAMPLE MOVE WAVELET SUMMATION
[10] FILTER TIME DOMAIN FREQ DOMAIN
SYNC BANDPASS Hz/ms LENGTH
SINC BANDPASS hz LENGTH
TIME VARIANT
TIME ZONE BANDPASS LENGTH
[11] 6-FOLD CDP STACKING SUMMATION OVT CDMOP
[12] CONSTANT VELOCITY ANALYSES FILTERED
[13] CDTATTEN, MINI-50-1800, PROHORN, Max20ms
[14] SHOTCDP - shot point numbering
REMARKS FINAL RESCANNED (SEG B/P) ✱V2
Bigas/For W. SMITHOCK
CURRENT

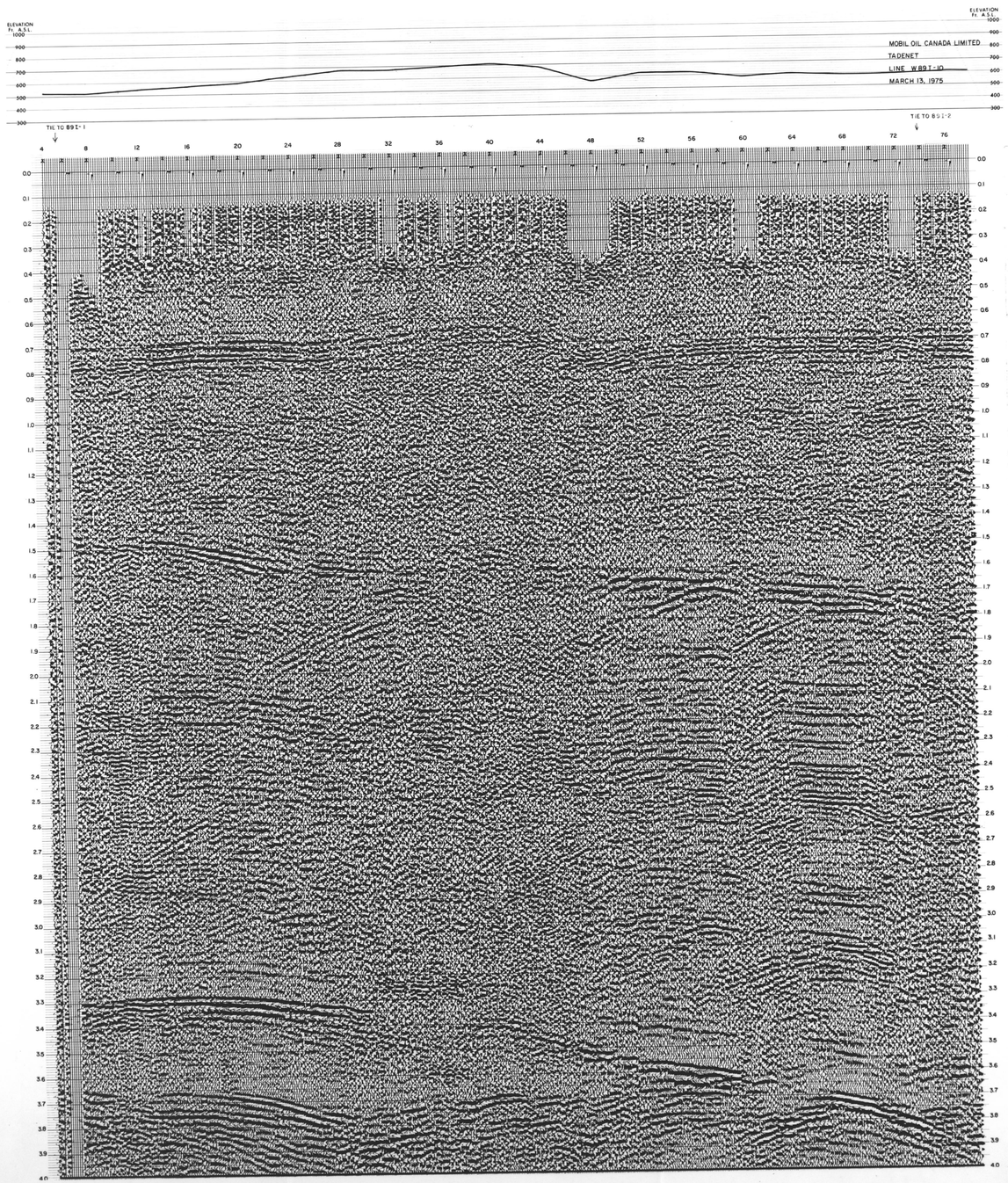
FILE NO. 73-89-I-9
LINE NO. 89-I-9

TRACE MUTING
TWO WAY TIME IN SEC
DISTANCE

DIGITAL FILTERING
TWO WAY TIME IN SEC
FREQUENCY CPS

NOTE:-

September 1975
11x
MICROMAT
105 M.M.
WEST CANADIAN GRAPHIC INDUSTRIES LTD.
80 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2255
057-06-06-086



057-06-06-086
PROJECT NO. 5W4-5E-75-1

DIRECTION N.E.

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. W-89-I-10
SHOTPOINT 5 TO SHOTPOINT 78
CREW MOC 89 AREA NORTHERN
CHARG. NO. 1/8 ozs. NAME TADENET
PROV. ONT LAT. LONG.
SECTION TYPE STRAIGHT

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA, LTD
DATE RECORDED JANUARY, 1975
TOTAL FOLD 6 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL X TRACK ☐ B.P.I. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE SPS III
RECORD LENGTH 4 secs. SAMPLE RATE 2 ms.
FIELD FILTER LOWCUT 10 db/octave
HIGHCUT 125 db/octave
GAIN CONTROL ☒ BINARY ☐ AGC
ENERGY SOURCE ☒ DYNAMITE ☐ DONOBIS
☐ THUMPER ☐ OTHER
☐ VIBROBES
SWEEP FREQUENCY
SWEEP LENGTH secs
NO. OF SWEEPS
☐ GUN TYPE
DEPTH ft.
CAPACITY cu. inches
NO. OF GUNS
ENERGY SOURCE SPACING 440 ft. / meters
TYPE GEOPHONE MEC 14 HZ
NO. OF GEOPHONES PER GROUP 18
GROUP INTERVAL 220 ft. / meters
SPREAD CONFIGURATION BILATERAL
CABLE DEPTH
SPREAD DIAGRAM
TR48 TR25 TR24 TR2
5280' 220' SF 220' 5280'
REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE
SUBSURFACE TRACE SEPARATION ft. / meters
MIX ☐ YES ☐ NO TYPE
PLAYBACK DATE
REMARKS

PROCESSING PARAMETERS AND SEQUENCE

6 - FOLD
DATE PROCESSED FEBRUARY, 1975
PROCESSED SAMPLE RATE 4 ms.
INPUT FORMAT 9 TRACK
DATUM 1000 VELOCITY TO DATUM 11000
2 BINARY GAIN RESTORATION 1" @ 1000
CDP STRIP LENGTH WINDOW secs.
X DIVERGENCE LENGTH Ft./sec. A= Ft./sec.²
1 HORIZONTAL COMPOSITE 48
1 EDIT
TRACE MUTE DATUM STATICS
MEAN REMOVAL
2 TRACE EQUALIZATION:
X DTRM DTRM
WINDOW 1000 secs. WINDOW secs.
SINGLE WINDOW TRIM secs. SINGLE WINDOW TRIM secs.
MULTI-WINDOW TRIM MULTI-WINDOW TRIM
REMARKS
12 FOLD GATHER
2 DECONVOLUTION
X SINGLE WINDOW SPIKE SINGLE WINDOW SPIKE
.10 to .300 secs. secs. to secs.
MULTI-WINDOW SPIKE MULTI-WINDOW SPIKE
to secs. to secs.
to secs. to secs.
to secs. to secs.
SINGLE WINDOW GAPPED SINGLE WINDOW GAPPED
to secs. to secs.
REMARKS
2 STATICS METHOD AFTER NMO
2 VELOCITY DETERMINATION CONSTANT VELOCITY
SPACING
1 NMO 2 SAMPLE MOVE WAVELET SUMMATION
1 FILTER X TIME DOMAIN FREQ. DOMAIN
X SINC. BANDPASS 5/10 Hz LENGTH 4000 ms
SINC. BANDPASS Hz LENGTH ms
TIME VARIANT:
TIME ZONE BANDPASS LENGTH
to secs. Hz to Hz ms
to secs. Hz to Hz ms
to secs. Hz to Hz ms
12 FOLD CDP STACKING SUMMATION OVT COMOP
1 VERT
1 ERVTOCOR
REMARKS CANTELOR/2MS TROCA
ARCHIVED REEL ✓V7

LINE NO. 89-I-10
FILE NO. 75-35-12

TRACE MUTING
TWO WAY TIME IN SEC
DISTANCE

DIGITAL FILTERING
TWO WAY TIME IN SEC
FREQUENCY CPS

NOTE:-

LAND

057-06-06-086

WEST CANADIAN GRAPHIC INDUSTRIES LTD.
810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

October 1975

FILE No. 79-33-8

LINE NO. 881-11

PROCESSING PARAMETERS
JOB NUMBER 1-FOLD

DATE PROCESSED 1975
PROCESSED SAMPLE RATE ms
DATUM 2000 VELOCITY TO DATUM 10000
SHOTPOINT INCREMENT LENGTH OF SWEEP
CREW NO. AREA
CAMERA NO. OBSERVER
PROJ. LAT.
LONG.
SECTION TYPE

RECORDING INFORMATION
RECORDED FOR MOBIL OIL CANADA, LTD.
DATE RECORDED JANUARY, 1975
FIELD SYSTEM - DIGITAL TRACES OF
FIELD SYSTEM - OTHER
RECORD LENGTH sec SAMPLE RATE ms
FIELD FILTER
GAIN CONTROL
ENERGY SOURCE
ENERGY SOURCE POINT
TYPE GEOPHONE
NO. OF GEOPHONES PER GROUP
GROUP INTERVAL
SPREAD CONFIGURATION
CABLE DEPTH
FIELD PROGRAMS
REMARKS

DISPLAY INFORMATION
HORIZONTAL SCALE
VERTICAL SCALE
MIX YES NO
FILTER DATE
REMARKS

DIRECTION

PROCESSING SEQUENCE

TRACE EQUALIZATION:
DECONVOLUTION
REMARKS
DATUM STATION
REMARKS
FILTER
REMARKS

TRACE MUTING
TIME BREAK SEC
DISTANCE

DIGITAL FILTERING
TAU MS 1/40 N SEC
FREQUENCY CPS

NOTE:

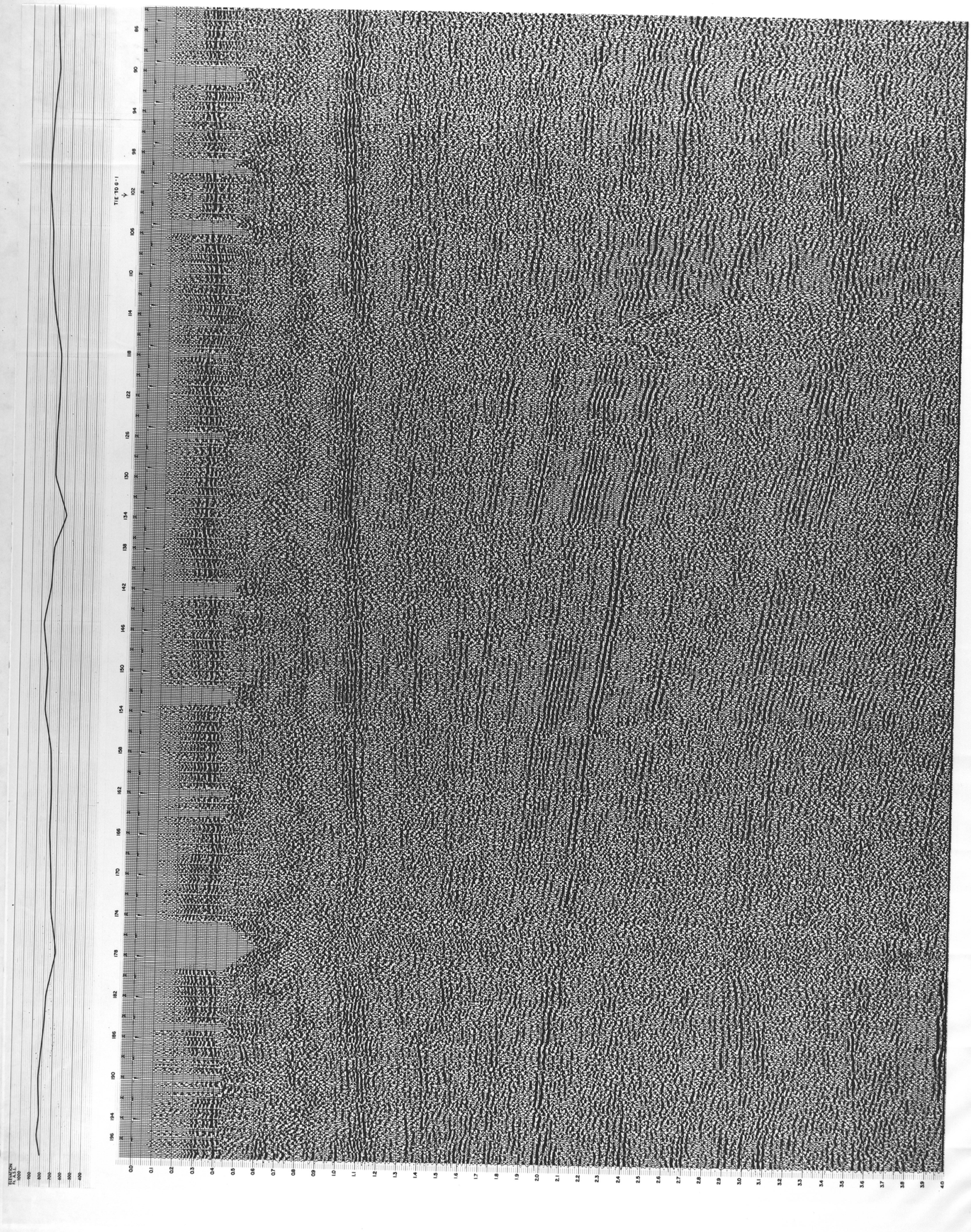
057-06-06-086

WEST CANADIAN GRAPHIC INDUSTRIES LTD.
810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2535

MICROMAT
105 M.M.

11x

October 1975



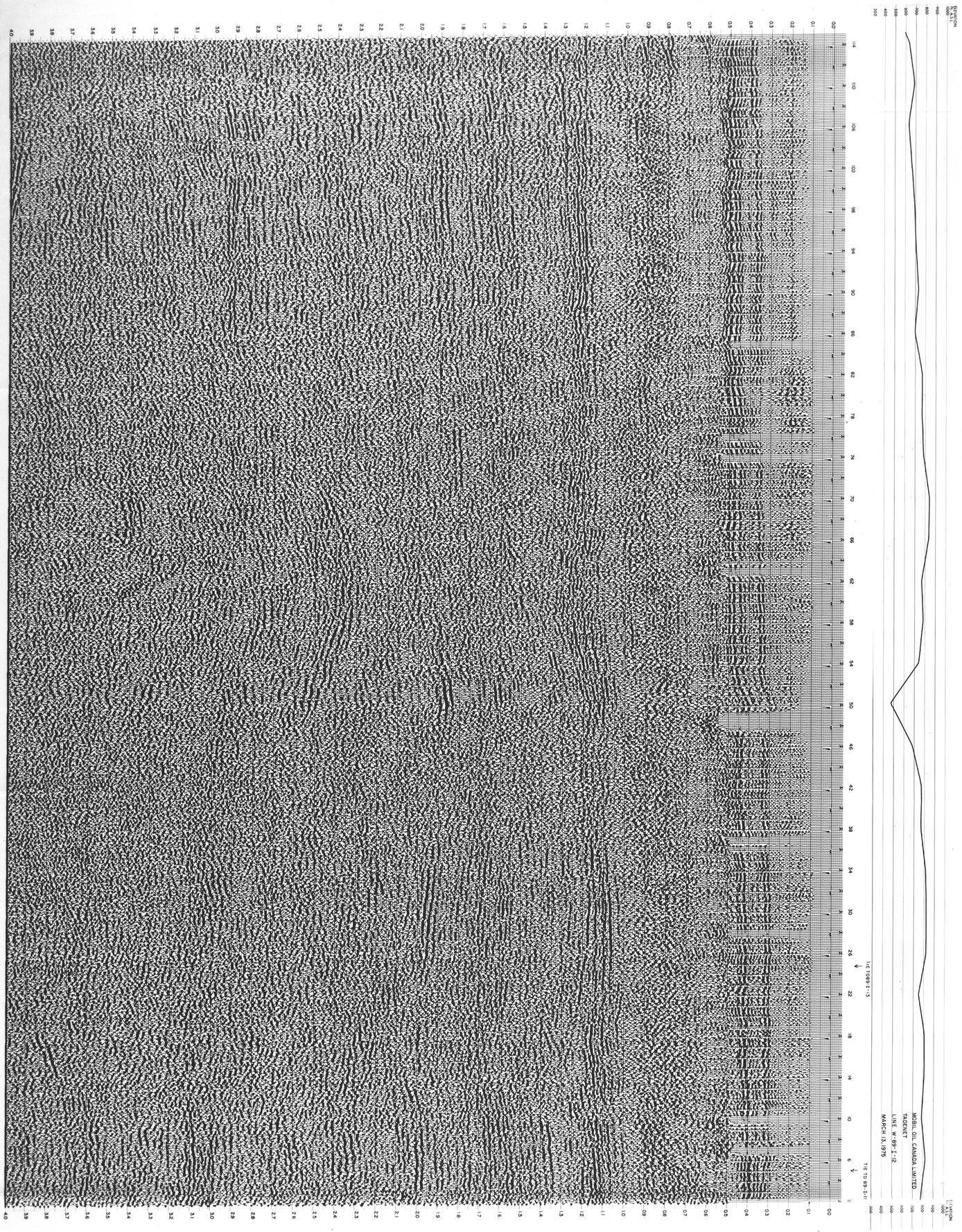
057-06-06-086

WEST CANADIAN GRAPHIC INDUSTRIES LTD.
810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x17

September 1975



057-06-06-086

PROCESSING PARAMETERS AND SEQUENCE

MOBIL OIL CANADA, LTD.
PHOENIX CROSSING
CALGARY

LINE NO. W89-I-12
SHOTPOINT 1 TO SHOTPOINT 135
CLIENT NO. 2136 NAME TADENET
FDV 800'

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA, LTD.
TOTAL FOLD 48 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL TRACE/IN. DENSITY
INSTRUMENT TYPE DFS III
RECORD LENGTH 3.0 SAMPLE RATE 2 MS
FILTERS OUT IN 80 NOTCH OUT
GAIN CONTROL
ENERGY SOURCE
ENERGY SOURCE SPACING OF SHOTS 660 Feet
TYPE GEOPHONE
GROUP INTERVAL 220
SPREAD CONFIGURATION SPREAD DIAGRAM
7948 7823 S.P. 7674 751
5280' 220' 48 220' 5280'
REMARKS

DISPLAY INFORMATION
HORIZONTAL SCALE
SUBSURFACE TRACE SEPARATION
FIELD FILTERS OUT
PLOT TYPE
REMARKS

DIRECTION

PROCESSING PARAMETERS AND SEQUENCE
DATE PROCESSED
INPUT FORMAT
BINARY GAIN RESTORATION
DECONVOLUTION
VELOCITY DETERMINATION
STATICS
REMARKS

LINE NO. 89-I-12

FILE NO. 75-33-44

NOTE:

DISTANCE

FREQUENCY CPS

LAND

057-06-06-086

WEST CANADIAN GRAPHIC INDUSTRIES LTD.
810 - 5th Avenue S.W. CALGARY 1, ALBERTA
Phone 263-2555

MICROMAT
105 M.M.

11x

September 1975

057-06-06-086
PROJECT NO. 75-33

DIRECTION N-S

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. W89-1-13
SURVEY TYPE 3D SHOTPOINT 87
CREW HUNTEC 89 AREA 2D TAPE NO. 2D75087
CHARG. NO. 6# NAME 2D75087
FROM
TO
LONG.
SECTION TYPE 2D75087 INTERPOLATED

RECORDING INFORMATION

RECORDED FOR 2D75087 INTERPOLATED
SHOT INTERVAL 220 TOTAL TRACES 96
TOTAL FOLD 6 TRACE SPACING 220 FT. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS-IV DIGITAL RATE 2 ms
RECORDING LENGTH 3 secs VERIFY YES
FIELD FILTER OUT 125 ~ IN 10 ~ 96 dB/oct
GAIN CONTROL ☑ BINARY ☐ AGC
ENERGY SOURCE ☑ DYNAMITE ☐ VIBROSEIS ☐ OTHER
☐ HARDROCK
SHOT DEPTH
CHARGE SIZE
CAPACITY lbs
NO. OF HOLES 2260 SPACING 220'
ENERGY SOURCE SPACING 220 NO. OF SOURCES PER GROUP 1
NO. OF GEOPHONES PER GROUP 24 GROUP INTERVAL 220'
GEOPHONE CONFIGURATION STRAIGHT LINE
CABLE DEPTH 15 FT.
SPREAD DIAGRAM

5448	737	5.7	5262	181
5280'	220'	X	220'	5280'

DISPLAY INFORMATION
HORIZONTAL SCALE 220' = 1"
SUBSURFACE TRACE SEPARATION 1/10 inch
PLAYBACK DATE TYPE
REMARKS

DIRECTION N-S

PROCESSING PARAMETERS AND SEQUENCE

DATE PROCESSED SEPTEMBER 1975
INPUT FORMAT DFS-IV VELOCITY TO DATUM TRACE
☑ BINARY GAIN RESTORATION 6 dB/sec 1000 ms
☐ VERTICAL ☐ HORIZONTAL COMPOSITE — TRACES
☐ EDIT DATUM STATICS
☐ TRACE EQUALIZATION
☐ DESIGNATURE ☐ DEVIBRATOR
☐ DECONVOLUTION
REMARKS
☐ VELOCITY DETERMINATION
STATICS METHOD
☐ MUTE
☐ FILTER
☐ AMP. RECOVERY
☐ F-K DOMAIN REJECTION FILTER
☐ DIP MOVEOUT
☐ STACK
☐ MIGRATION
REMARKS

LINE NO. 89T-13

FILE NO: 75-33-15

DISTANCE

TRACE MUTING
TIME MS FOR 1 INCH

FREQUENCY CPS

DIGITAL FILTERING
DB PER OCTAVE

NOTE:

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PROJECT NO 56-6-7-61

DIRECTION NORTHEAST

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. 89-1-15
SHOTPOINT 2 TO SHOTPOINT 74
CREW NO. 82 AREA NORTHERN CANADA
CHARG NO. 218 NAME TRANQUILLE BAY
PROV. N.W.T. LAT TADENET
LONG
SECTION TYPE STRATIGRAPHIC

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA LTD.
DATE RECORDED APRIL 20 & 21 1975
TOTAL FOLD 6 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL 2 TRACK (B.P.I. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS III
RECORD LENGTH 4 sec. SAMPLE RATE 2 ms
FIELD FILTER LOWCUT 16 db/octave
HIGHCUT 128 db/octave
GAIN CONTROL ☒ BINARY ☐ MAC
ENERGY SOURCE ☐ DYNAMITE ☒ DINOSEIS
☐ THUMPER ☐ OTHER
☐ VIBROSEIS
SWEEP FREQUENCY
SWEEP LENGTH sec
NO. OF SWEEPS
☐ GUN TYPE
DEPTH ft
CAPACITY cu inches
NO. OF GUNS
ENERGY SOURCE SPACING 660 ft/metres
TYPE GEOPHONE HS-1 8 HZ
NO. OF GEOPHONES PER GROUP SYNC 16
GROUP INTERVAL 220 ft/metres
SPREAD CONFIGURATION BILATERAL
CABLE DEPTH
SPREAD DIAGRAM

TR 48 5280' | TR 25 220' × TR 24 220' | TR 1 5280'

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE
SUBSURFACE TRACE SEPARATION 110 ft/cm
MIX ☐ YES ☐ NO TYPE
PLAYBACK DATE
REMARKS SHOT BY WESTERN GEOPHYSICAL

PROCESSING PARAMETERS AND SEQUENCE
6 FOLD

DATE PROCESSED NOV. 1975
PROCESSED SAMPLE RATE 4 ms
INPUT FORMAT SEG B TRACK
DATUM 1,000 VELOCITY TO DATUM 10,000
1 BINARY GAIN RESTORATION
F-P DTRIM LENGTH OF WINDOW sec
DIVERGENCE Vo ft/sec A ft/sec²
4 HORIZONTAL COMPOSITE 24
5 EDIT
DEAD TRACE MUTE DATUM STATICS
MEAN REMOVAL
6 TRACE EQUALIZATION
1) DTRIM 0 to 1 sec WINDOW 400 ms SINGLE WINDOW TRIM MULTI-WINDOW TRIM
2) DTRIM 0 to 1 sec WINDOW SINGLE WINDOW TRIM MULTI-WINDOW TRIM
REMARKS
7 6 FOLD GATHER
8 DECONVOLUTION
1) SINGLE WINDOW SPIKE 0 to 1.0 sec ms MULTI-WINDOW SPIKE to sec ms SINGLE WINDOW GAPPED
2) SINGLE WINDOW SPIKE MULTI-WINDOW SPIKE SINGLE WINDOW GAPPED
REMARKS
9 STATICS METHOD AFTER NMO
10 VELOCITY DETERMINATION DOBEY VEL ANALYSIS SPACING
11 NMO SAMPLE MOVE WAVELET SUMMATION
12 FILTER TIME DOMAIN FREQ DOMAIN
1) BAND BANDPASS 20/25 Hz LENGTH 1,000 ms
2) BAND BANDPASS Hz LENGTH ms
TIME VARIANT
TIME ZONE BANDPASS LENGTH
13 6 FOLD CDP STACKING Σ SUMMATION OVT COMOP
14 CONSTANT VELOCITY ANALYSIS PLOTTED
15 OSTATICS, MIN=400-1800, 2000m/s, floating datum
16 SYMPCON = shot point numbering
17
18
REMARKS FINAL REELING, 92 ARCHIVES REEL # V8
Recorded by W. Dettmann
CURRENT

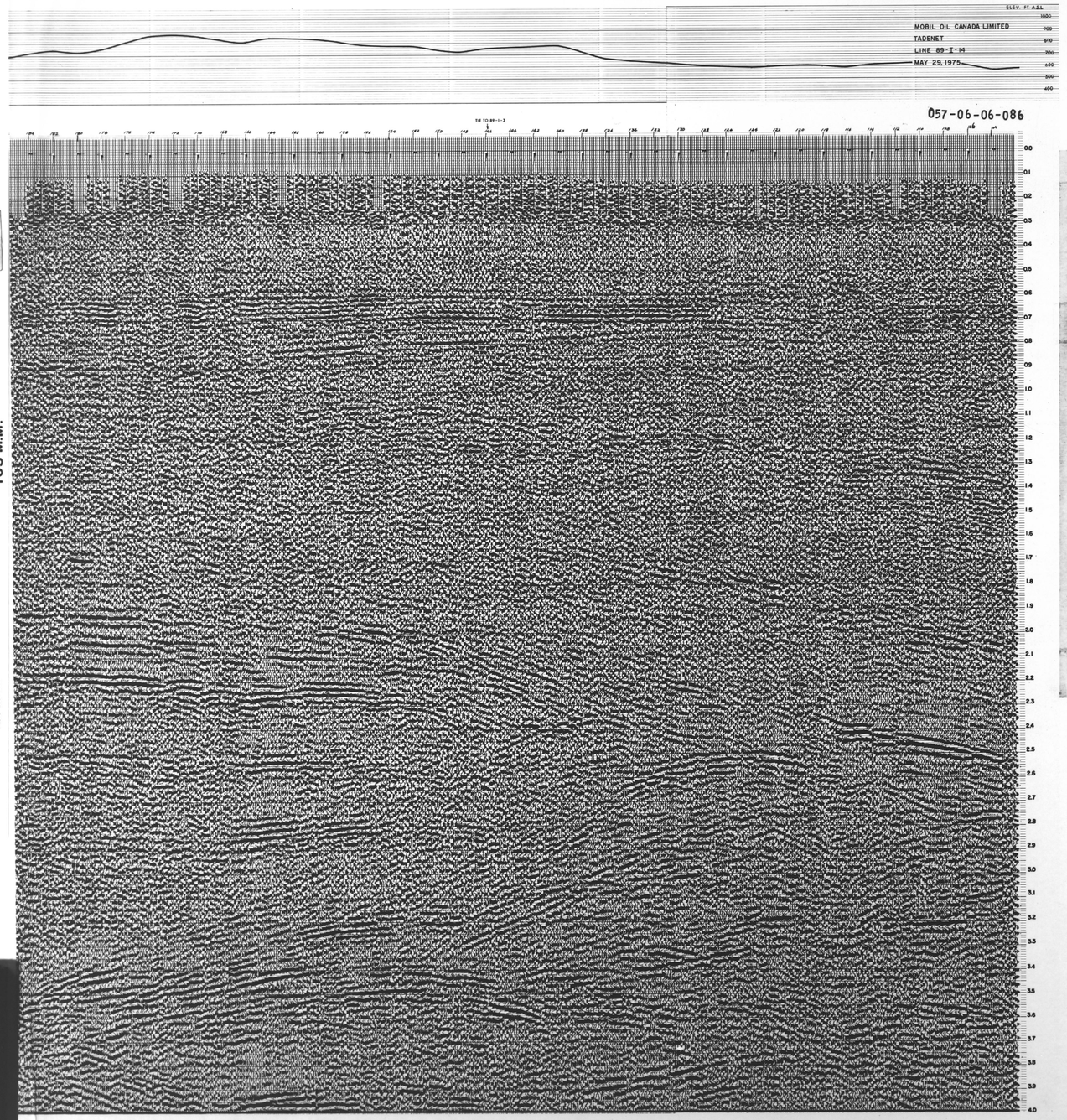
LINE NO. 89-1-15 FILE NO 73-96-2

TRACE MUTING
TWO WAY TIME IN SEC
DISTANCE

DIGITAL FILTERING
TWO WAY TIME IN SEC
FREQUENCY CPS

NOTE:-

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PROJECT NO. 64-65-IF-1

DIRECTION NORTHEAST

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. 89-I-14
SHOTPOINT 330 TO SHOTPOINT 102
CREW NO. 89 AREA NORTHERN CANADA
CHARG. NO. 218 NAME FRANKLIN BAY
PROV. N.W.T. LAT. (NORTH)
LONG.
SECTION TYPE STRUCTURAL

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA LTD.
DATE RECORDED APRIL 13-17, 1975
TOTAL FOLD 8 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL X TRACOR D.P.I. DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS III
RECORD LENGTH 6 sec. SAMPLE RATE 2 ms.
FIELD FILTER LOWCUT 10 36db/octave
HIGHCUT 129 db/octave
GAIN CONTROL ☒ BINARY ☐ AGC
ENERGY SOURCE ☒ DYNAMITE ☐ SNOWSEIS
☐ THUMPER ☐ OTHER
☐ VIBROSEIS
SWEEP FREQUENCY
SWEEP LENGTH sec.
NO. OF SWEEPS
☐ SOFT TYPE
SIZE lb.
CAPACITY cu. inches
NO. OF GUNS
ENERGY SOURCE SPACING 660 (220) feet(metres)
TYPE GEOPHONE HS-7 14 HZ
NO. OF GEOPHONES PER GROUP SYNC 18
GROUP INTERVAL 220
SPREAD CONFIGURATION BILATERAL
CABLE DEPTH
SPREAD DIAGRAM

TR 48 5280' | TR 25 220' | × | TR 24 220' | TR 1 5280'

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE
SUBSURFACE TRACE SEPARATION 110 (55) feet(metres)
MIX ☐ YES ☐ NO TYPE
PLAYBACK DATE
REMARKS SHOT BY WESTERN GEOPHYSICAL

PROCESSING PARAMETERS AND SEQUENCE

8 - FOLD
DATE PROCESSED NOV 1975
PROCESSED SAMPLE RATE 4 ms. TRACE
INPUT FORMAT SEGY 2.0 9
DATUM 2,000 VELOCITY TO DATUM 10,000

1 BINARY GAIN RESTORATION:
F.P. STRIM LENGTH OF WINDOW sec.
OVERGENCE V= ft./sec. A= ft./sec.²
2 HORIZONTAL COMPOSITE fold to fold
3 EDIT
4 TRACE MUTE DATUM STATICS
WEAR REMOVAL
5 TRACE EQUALIZATION:
11 STRIM STRIM
WINDOW 400 ms WINDOW ms
SINGLE WINDOW TRIM SINGLE WINDOW TRIM
MULTI-WINDOW TRIM MULTI-WINDOW TRIM
REMARKS
7 8 - FOLD GATHER
8 DECONVOLUTION
11 SINGLE WINDOW SPIKE SINGLE WINDOW SPIKE
MULTI-WINDOW SPIKE MULTI-WINDOW SPIKE
SINGLE WINDOW GAPPED SINGLE WINDOW GAPPED
REMARKS
10 STATICS METHOD AFTER NMO
12 VELOCITY DETERMINATION CONST.VEL ANALYSES SPACING
13 NMO SAMPLE MOVE WAVELET SUMMATION
15 FILTER TIME DOMAIN X FREQ. DOMAIN
☐ SRC BANDPASS 10-20-30-40 ms LENGTH 1000 ms
SRC BANDPASS hz. LENGTH ms.
☐ TIME VARIANT:
TIME ZONE BANDPASS LENGTH
sec. hz. ms.
sec. hz. ms.
sec. hz. ms.
sec. hz. ms.
17 8 -FOLD CDP STACKING X SUMMATION OVF COMDP
18 CONSTANT VELOCITY ANALYSES FILTERED
19 CSTAT(Typ.MIN-450-3800,SHCH@mdax2)mp
20 suprcdn - shot point numbering
REMARKS FINAL REEL ARCHIVED ONTO REEL # V8
Recorded For M. DESTROCK
CURRENT

TRACE MUTING
TWO WAY TIME IN SEC.
DISTANCE

DIGITAL FILTERING
TWO WAY TIME IN SEC
0 1 2 3 4 5 6 7 8
FREQUENCY CPS
5 10 20 30 40 50 60

NOTE:-

LINE NO. 89-I-14
FILE NO. 75-80-8

October 1975

11x

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057-06-06-086

ELEVATION FT. A.S.L.

MOBIL OIL CANADA LIMITED
TADENET
LINE 89-I-18
APRIL 22, 1975

TIE TO 891-7

057-06-06-086

057-06-06-086

PROJECT NO. 56-6-75-1

DIRECTION NORTH

MOBIL OIL CANADA, LTD.
PHOENIX JOB PROCESSING
CALGARY

LINE NO. 89-I-18
SHOTPOINT 107 TO SHOTPOINT 1
CREW W 89 AREA NORTHERN CANADA
CHARG. NO. 218 NAME FRANKLIN BAY
PROV. N.W.T. LAT. TADENET
LONG.
SECTION TYPE STRUCTURAL

RECORDING INFORMATION

RECORDED FOR MOBIL OIL CANADA LTD.
DATE RECORDED MARCH 20-221975
TOTAL FOLD 6 TOTAL TRACES 48
FIELD SYSTEM-DIGITAL 2 TRACE CDP DENSITY
FIELD SYSTEM - OTHER
INSTRUMENT TYPE DFS III
RECORD LENGTH 6 sec. SAMPLE RATE 4 ms
FIELD FILTER LOWCUT 10 - 35 cycles/second
HIGHCUT 125 cycles/second
GAIN CONTROL ☑ BINARY ☐ AGC
ENERGY SOURCE ☑ DYNAMITE ☐ DINOGEL
☐ THUMPER ☐ OTHER
☐ VIBROSEIS
SWEEP FREQUENCY
SWEEP LENGTH sec
NO. OF SWEEPS
☐ GUN TYPE
DEPTH ft
CAPACITY cu. inches
NO. OF GUNS
ENERGY SOURCE SPACING 660 feet
TYPE GEOPHONE MN-1 14 IPS
NO. OF GEOPHONES PER GROUP SYNC 18
GROUP INTERVAL 220 feet
SPREAD CONFIGURATION BILATERAL
CABLE DEPTH
SPREAD DIAGRAM

TR 48 5280' | TR 25 220' | TR 24 220' | TR 1 5280'

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE 1
SUBSURFACE TRACE SEPARATION ft. Meters
MIX ☐ YES ☐ NO. TYPE
PLAYBACK DATE
REMARKS

PROCESSING PARAMETERS AND SEQUENCE

48 -FOLD
DATE PROCESSED APRIL 1975
PROCESSED SAMPLE RATE 4 ms
INPUT FORMAT DFS III 6 -TRACE
DATUM 1,000 - VELOCITY TO DATUM 10,000

1 BINARY GAIN RESTORATION:
FP DTRIM LENGTH OF WINDOW sec
A DIVERGENCE At= ft./sec At= ft./sec
2 HORIZONTAL COMPOSITE N
3 EDIT
3.1 TRACE MUTE DATUM STATICS
MEAN REMOVAL
4 TRACE EQUALIZATION
12 DTRIM DTRIM
W ms W ms
WINDOW 2000 ms WINDOW ms
SINGLE WINDOW TRIM SINGLE WINDOW TRIM
W ms W ms
MULTI-WINDOW TRIM MULTI-WINDOW TRIM
W ms W ms
W ms W ms
W ms W ms
REMARKS
5 6 -FOLD GATHER
6 DECONVOLUTION
11 SINGLE WINDOW SPIKE SINGLE WINDOW SPIKE
W ms WINDOW ms W ms WINDOW ms
MULTI-WINDOW SPIKE MULTI-WINDOW SPIKE
W ms W ms
W ms W ms
W ms W ms
SINGLE WINDOW GAPPED SINGLE WINDOW GAPPED
W ms W ms
REMARKS
7 STATICS METHOD AFTER MNO
8 VELOCITY DETERMINATION DOBSY VEL ANALYSIS
9 MNO X SAMPLE MOVE WAVELET SUMMATION
10 FILTER TIME DOMAIN X FREQ DOMAIN
SINC BANDPASS 10/20 Hz LENGTH 1,000 ms
SINC BANDPASS Hz LENGTH ms
TIME VARIANT
TIME ZONE BANDPASS LENGTH
ms ms
ms ms
ms ms

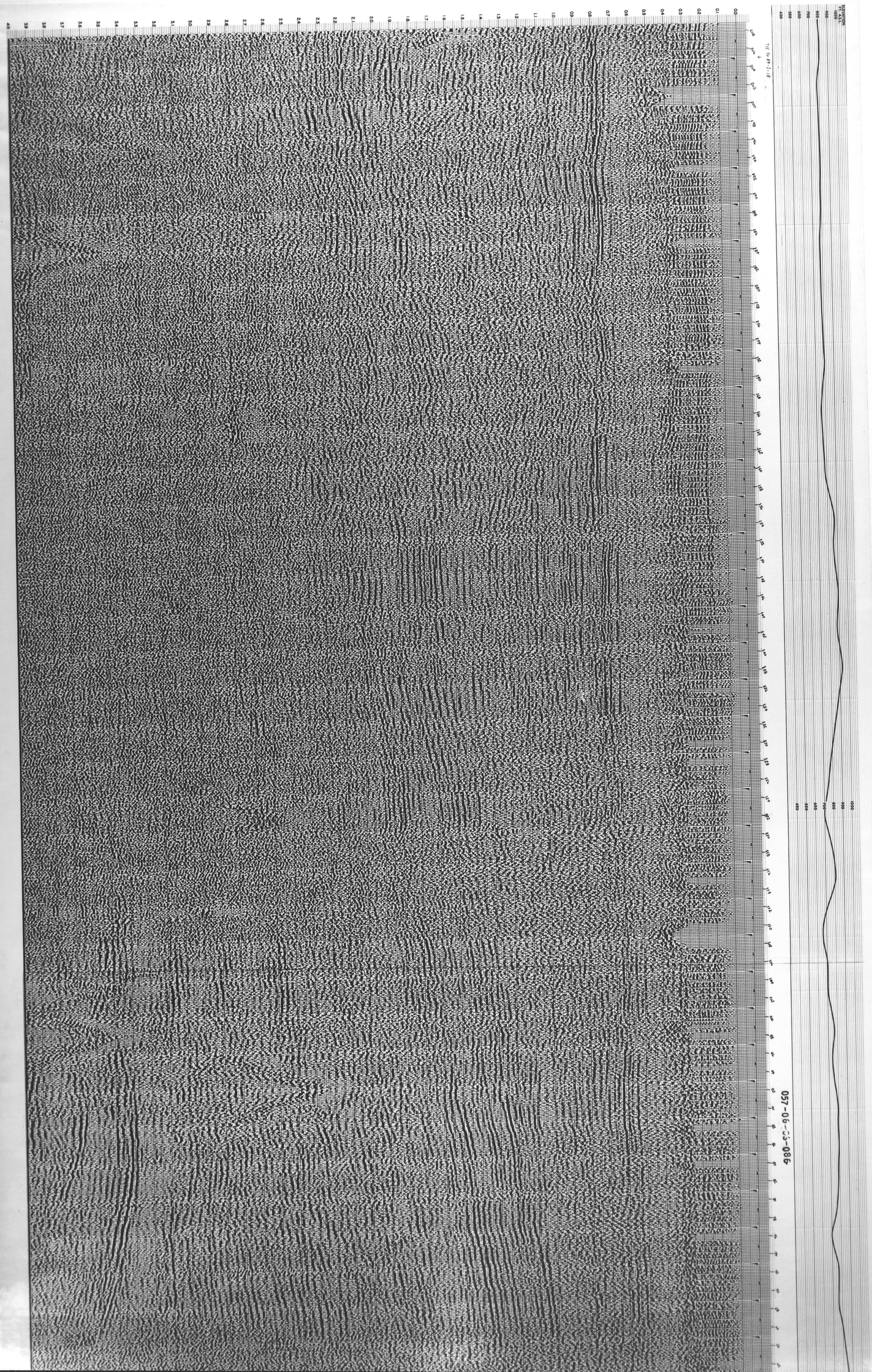
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