

10/20/95

cable.config.9511.short

DATE: 10/20/95						CRUISE: EW9511		
CHANNELS: 116						GROUP: 25M		
SECTION	CHAN	CAN	SECTION		COMPASS	COMPASS	BIRD	BIRD
NUMBER	#	SERIAL #	SERIAL#	LENGTH	#/BIAS	SERIAL#	#	SERIAL#
COMMENTS								
TAIL ROPE	-	-	4429	50				
1	1-4	1345	9466	100			1	9997
2	5-8	1248	9450	100			*	
3	9-12	1449	9409	100				
4	13-16	3280	9456	100			2	9982
5	17-20	1239	9442	100				
6	21-24	3046	9453	100				
7	25-28	1046	9140	100			3	9948
8	29-32	3047	9318	100				
9	33-36	3074	9351	100				
10	37-40	3265	9376	100			4	9979
11	41-44	1276	9407	100				
12	45-48	3179	9335	100				
13	49-52	3150	9109	100			*	
Converter		-	-	3				
14	53-56	8233	2021	100			5	9904
15	57-60	8250	2046	100				
16	61-64	8236	2035	100				
17	65-68	8456	2024	100			6	9904
18	69-72	8407	2011	100				
19	73-76	8400	2025	100			*	
20	77-80	8229	2015	100			7	10043
21	81-84	8225	2043	100				
22	85-88	8216	2003	100				
23	89-92	82-4	2004	100			8	9969

SECTION NUMBER		CAN SERIAL #	SECTION SERIAL#	LENGTH	COMPASS NO/BIAS	COMPASS SERIAL#	BIRD NUMBER	BIRD SERIAL#	COMMENTS
24	93-96	8405	2039	100			*		collars
25	97-100	8232	2029	100					
26	101-104	8450	2026	100			9	10065	compass bird
27	105-108	8450	2026	100			*		collars
28	109-112	8411	2027	100					
29	113-116	8452	2010	100			10	10004	
30	Passive			100					Installed 10/20 - New section
ARMORED TOW LEADER				47.2					47.2m from strn to 1st passive
TOTAL LENGTH				3050.2					
SETBACK FROM STRN TO CENTER OF TRACE 116=159.7m									
43	169-172	8318	0						Can located inside XBT station
44	173-176	8370	0						OBAD UNIT-(AUX chan) Located in lab
Channel 115 has problem									
Channel 80 has dead amplifier									
Channel 50 has problems									
Section # 2033 pulled- shorted power rail									
Section 2014 pulled- intermittant high current on build									

# DATA FORMATS:

n. - 1 minute navigation from the "x." file and "fu.s" file

```
yy+ddd:hh:mm:ss.mmm N 12 12.1234 E 123 12.1234 id 123.1 12.1
yr day time lat lon id set drift
```

```
id strings: "gp1" = GPS Trimble NT200D
             "gp3" = GPS Magnavox MX4200D Receiver #1
             "gp4" = GPS Magnavox MX4200D Receiver #2
             "dr" = Dead Reckoned position
```

vt.n - merged BGM-3 gravity with final nav.

```
yy+ddd:hh:mm:ss.mmm N 16 0.4273 W 73 20.3055 1980 -4.1
yr day time lat lon theog FAA

978416.9 27.6 9.9 13.2 -2.7 3.9 -2.8 3.8
raw_grav eotvos drift dc raw_vel smo_vel
shift N E N E
```

mg.n - interpolated values merged with final nav. ; anomalies 1990 IGRF

```
yy+ddd:hh:mm:ss.mmm N 12 12.1234 E 123 12.1234 41200.8 -367.1
yr day time lat lon total anomaly
intensity
```

hb.n - interpolated center beam merged with navigation

```
yy+ddd:hh:mm:ss.mmm N 12 12.1234 E 123.1234 2222.0
yr day time lat lon depth_in_meters
```

ts.n - Shot time/Nav Block data remerged with final nav.

```
yy+ddd:hh:mm:ss.mmm 15913 N 53 17.4459 W 166 59.4171 MCS1234c
yr day shot time shot # latitude longitude line
```

m. - merged bathy, maggie, gravity with final nav.

```
yy+ddd:hh:mm:ss.mmm N 14 9.0555 W 67 2.3969 gp3 276.9 0.2
yr day time lat lon id set drift

5034.9 37401.8 17.2 -1.6 978349.0 13.1 9.1 13.2
depth mag tot_mag grv. raw_grv eotvos tot_dc_shift
intensity anomaly faa drift
```

# BATHYTHERMOGRAPH PROFILE

13/11/95

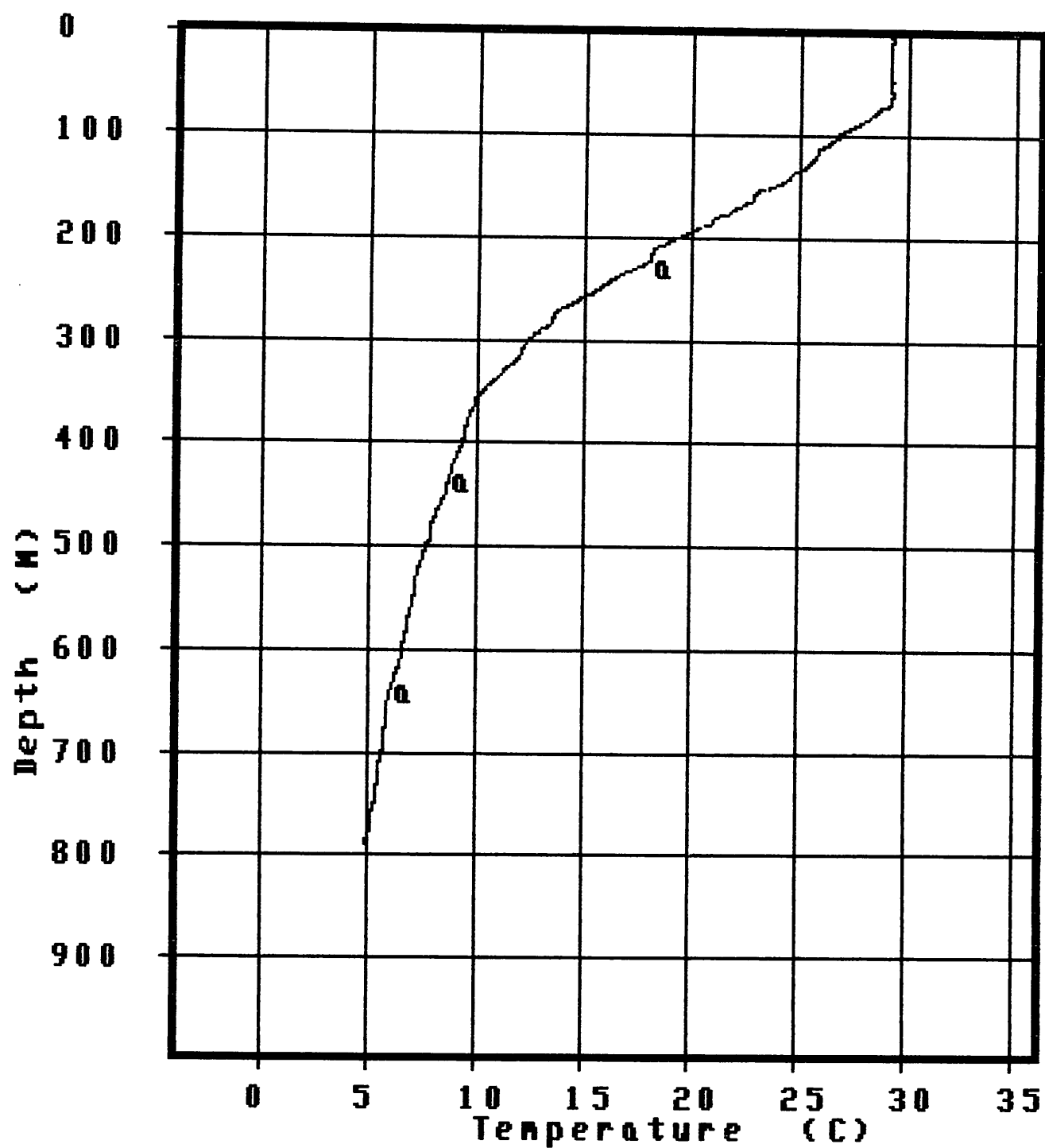
FILE

DATE

TIME

a 95117.xt7

13/11/95 05:08





Shot 4103 Line 43 14 Nov 95

1  
11  
21  
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81  
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101  
111



Line1

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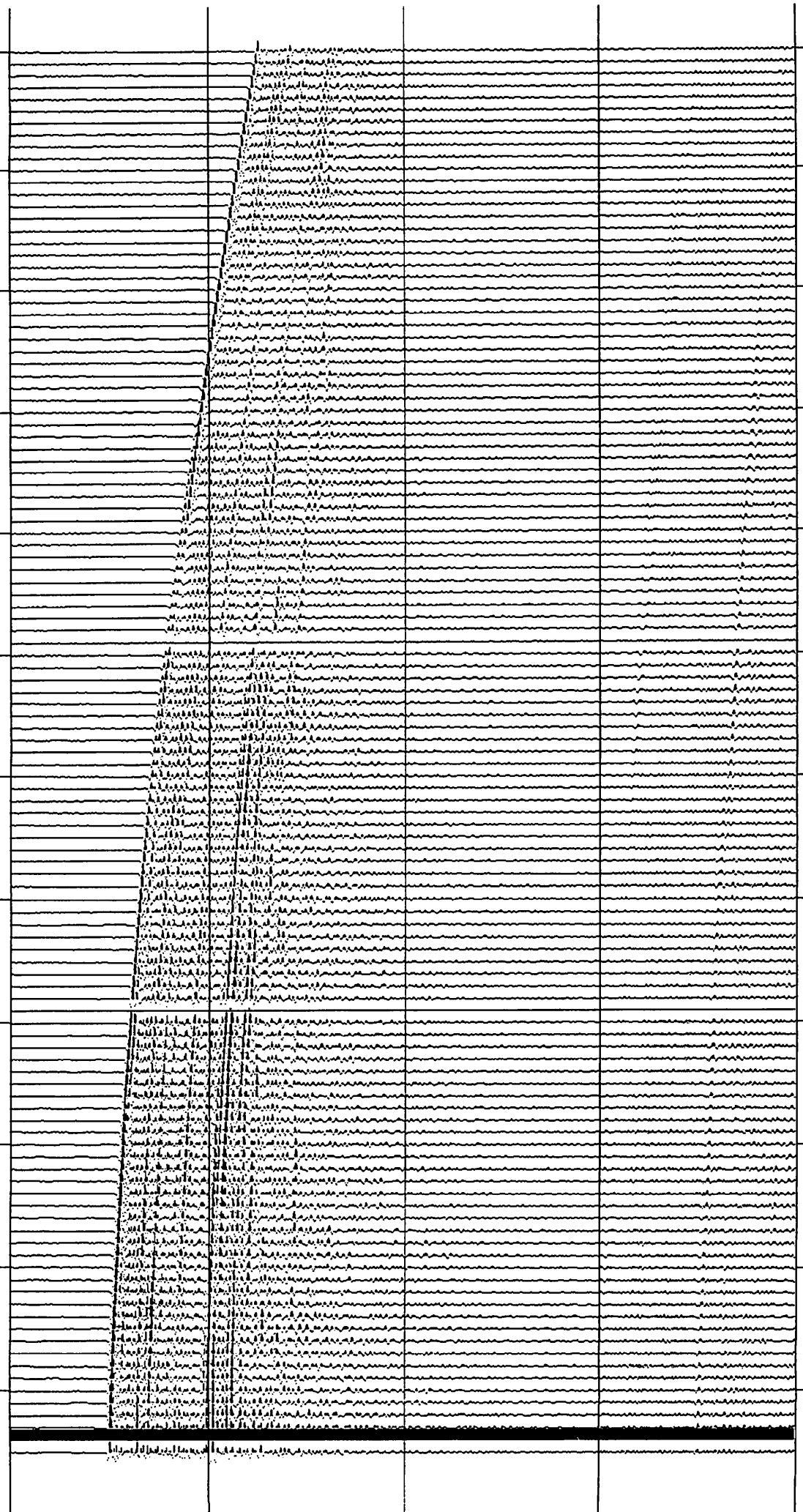
796

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Line 1

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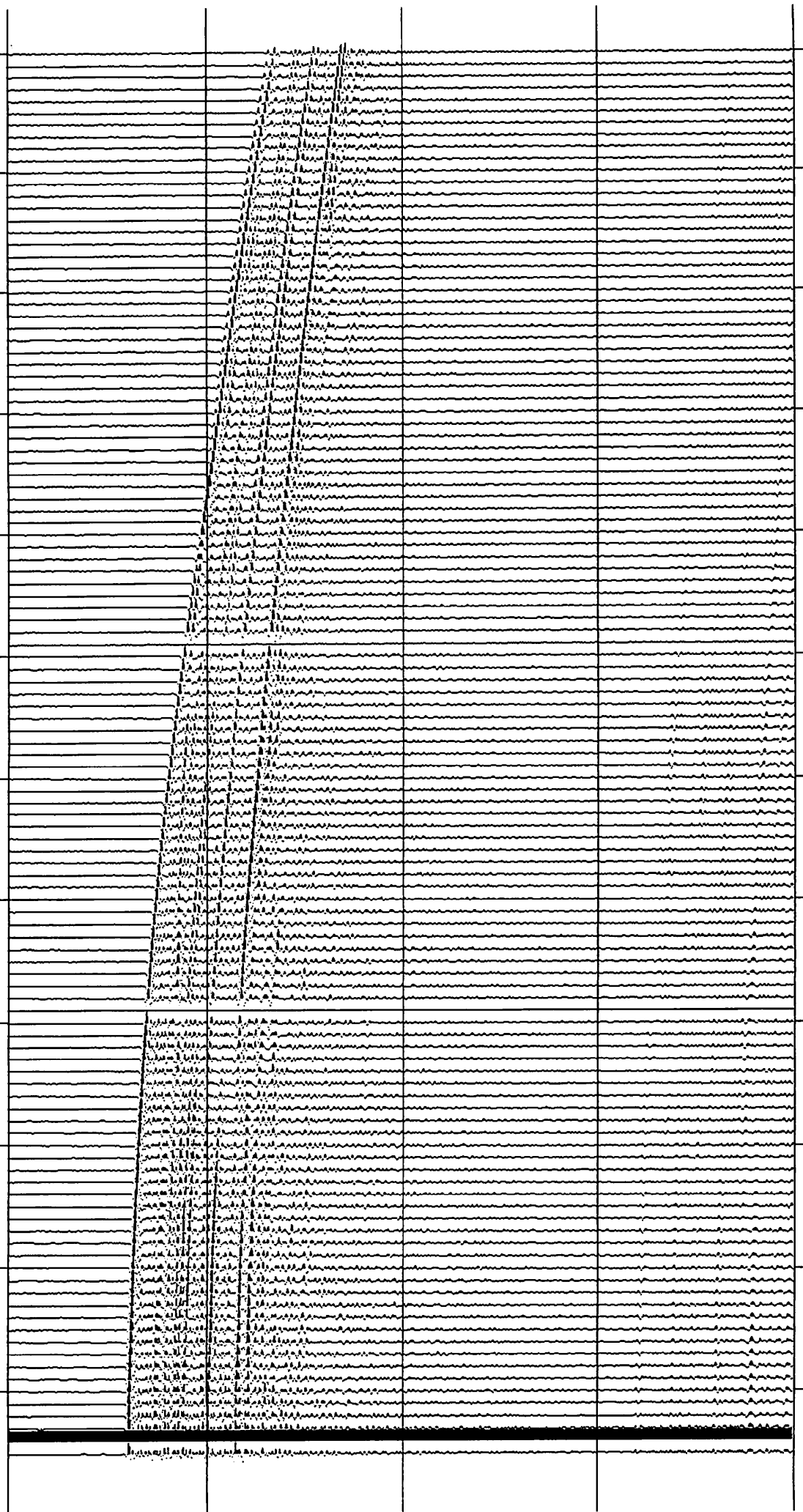
718

718

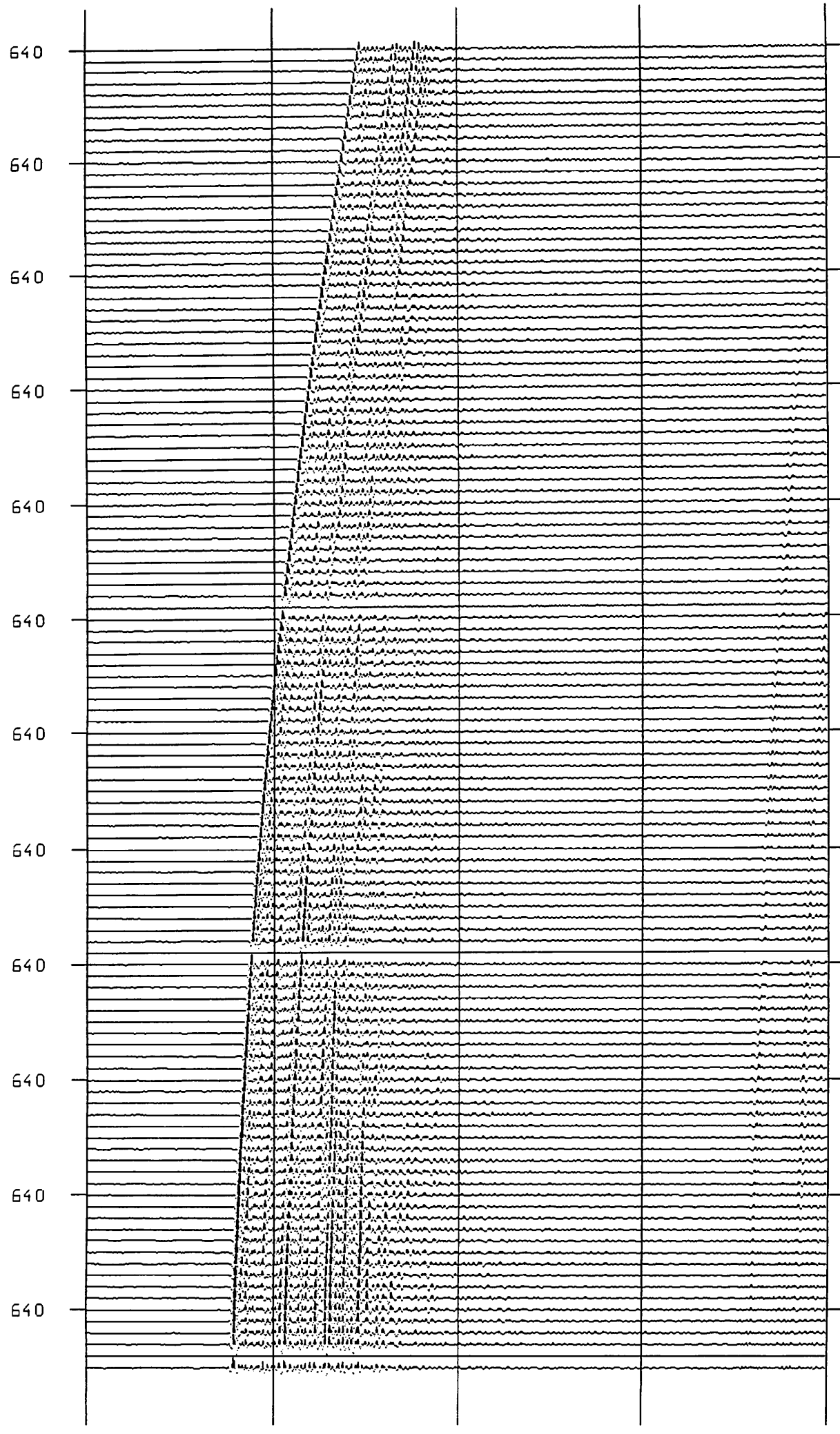
718

718

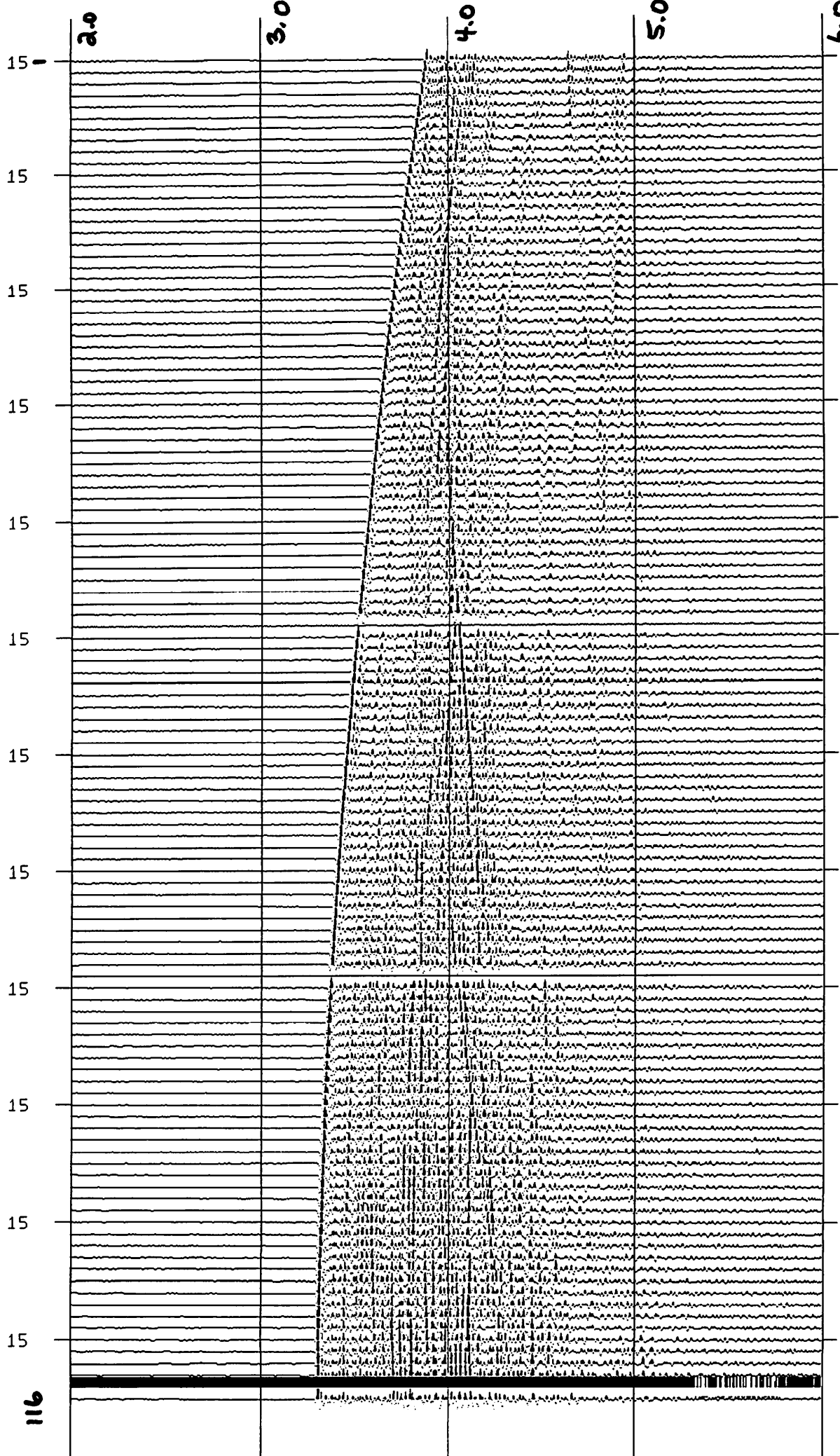
718



Line 1



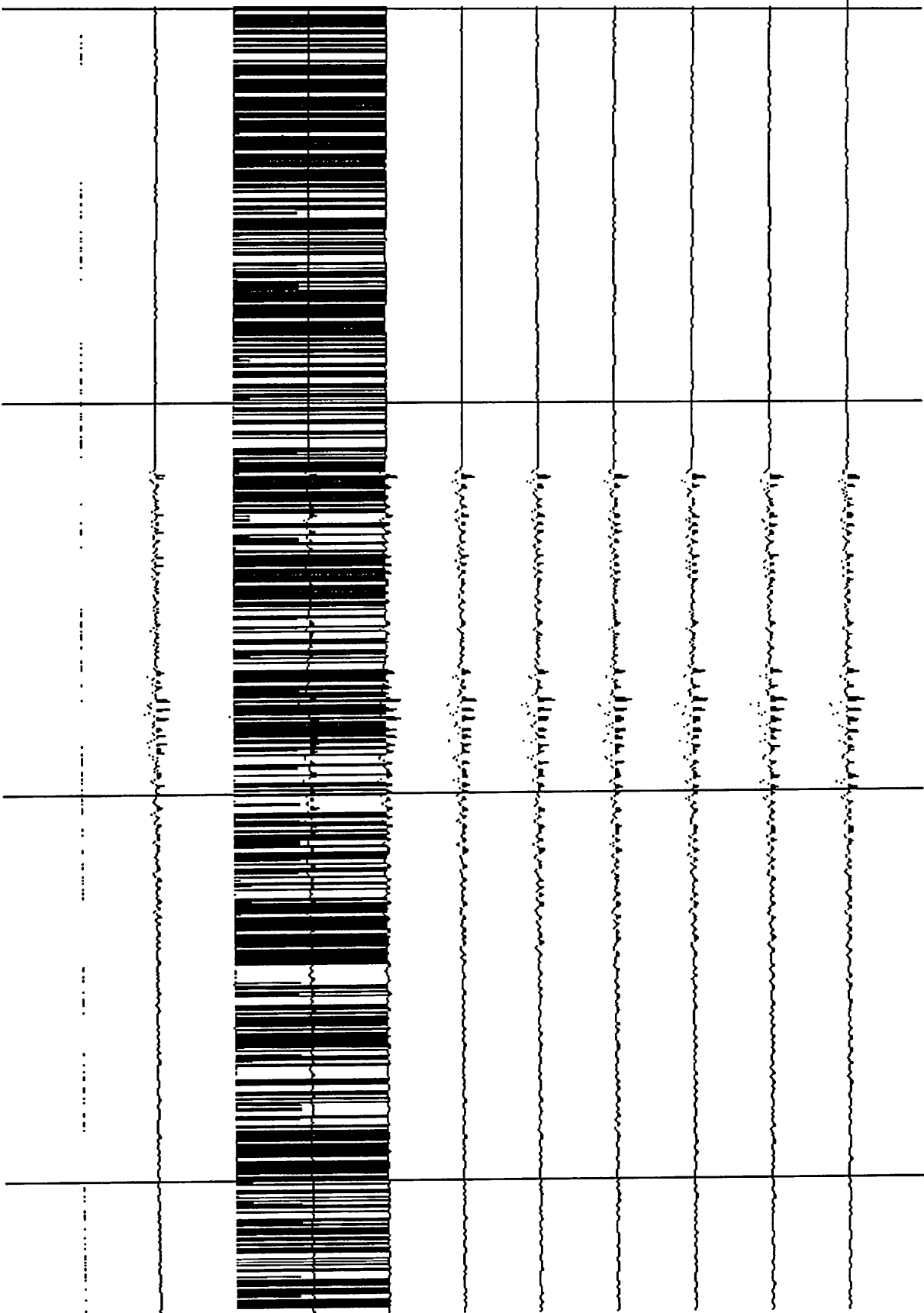
Line 1 Shot 15 Traces 1-116





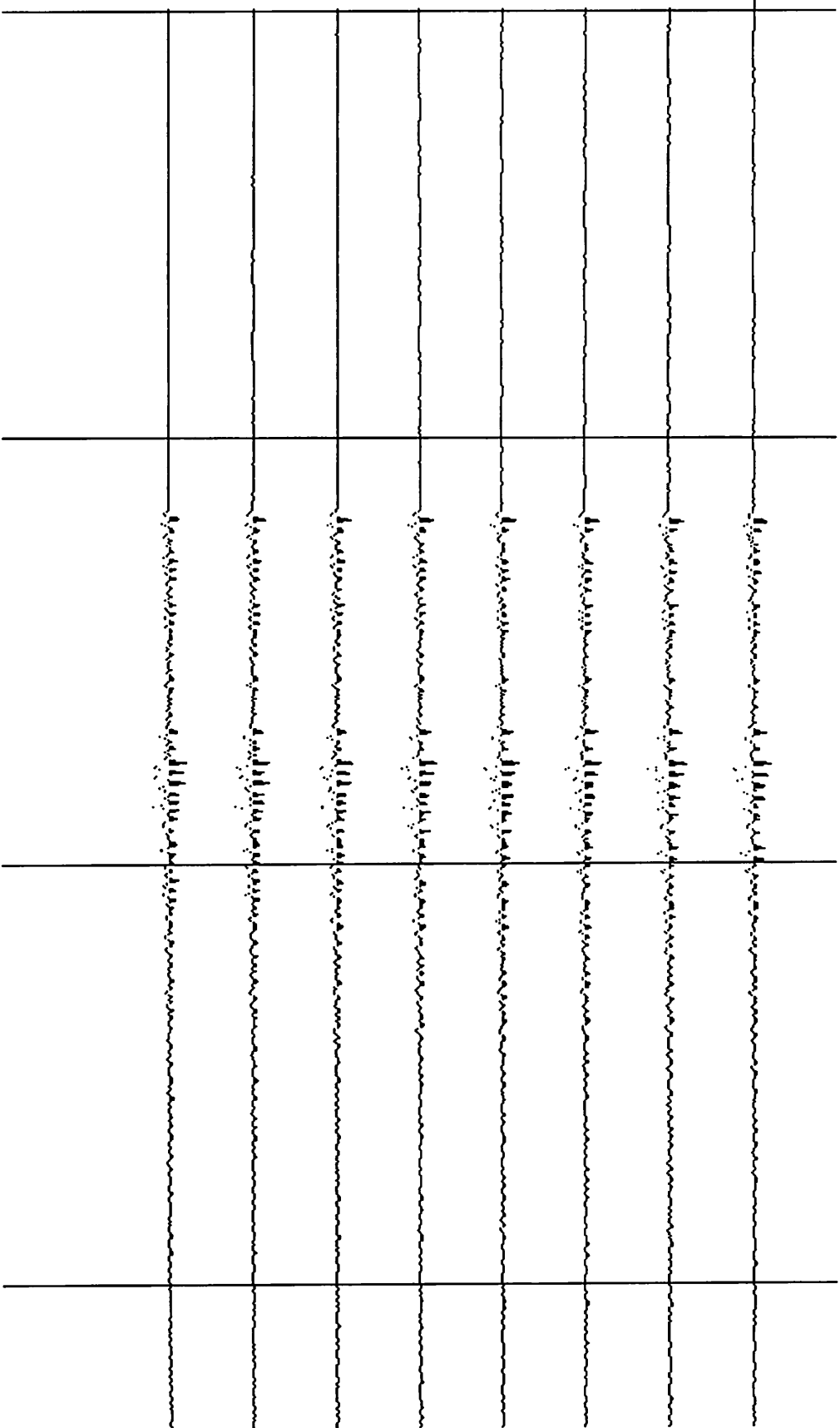
250  
107

116



250  
101

114

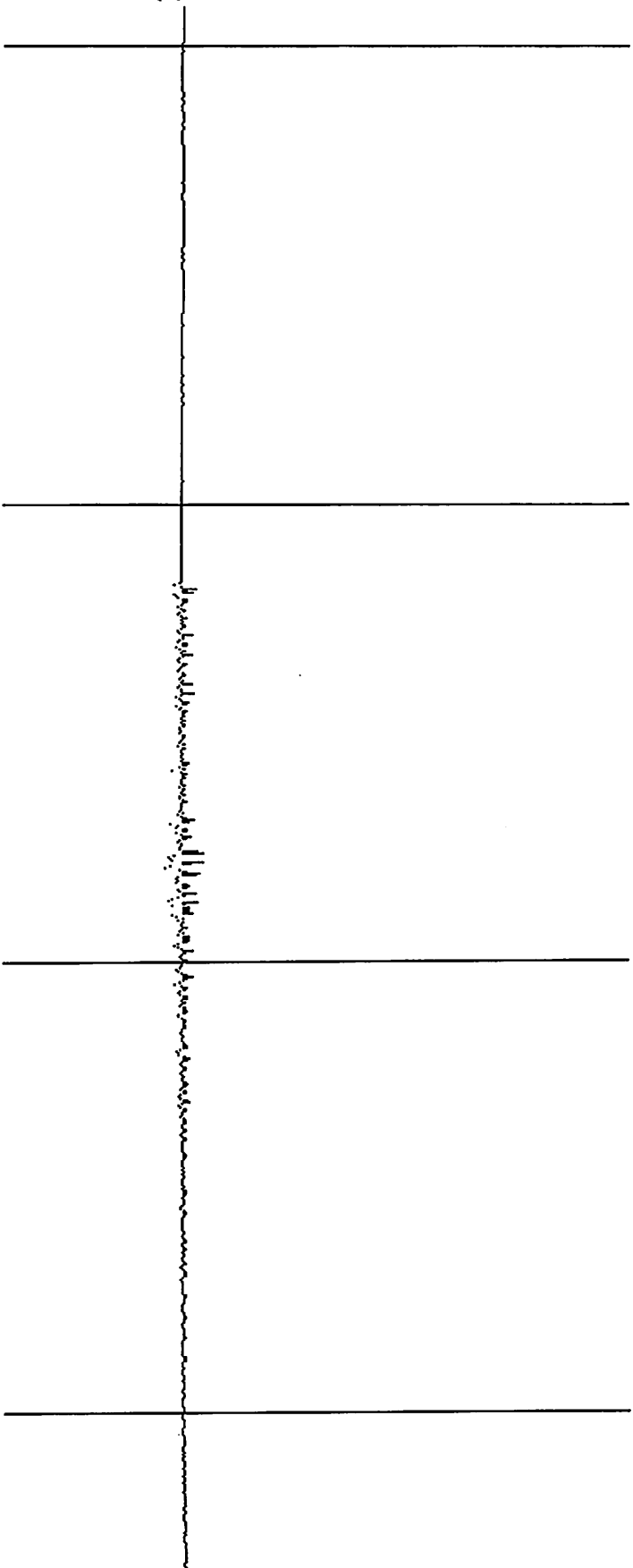


250  
115

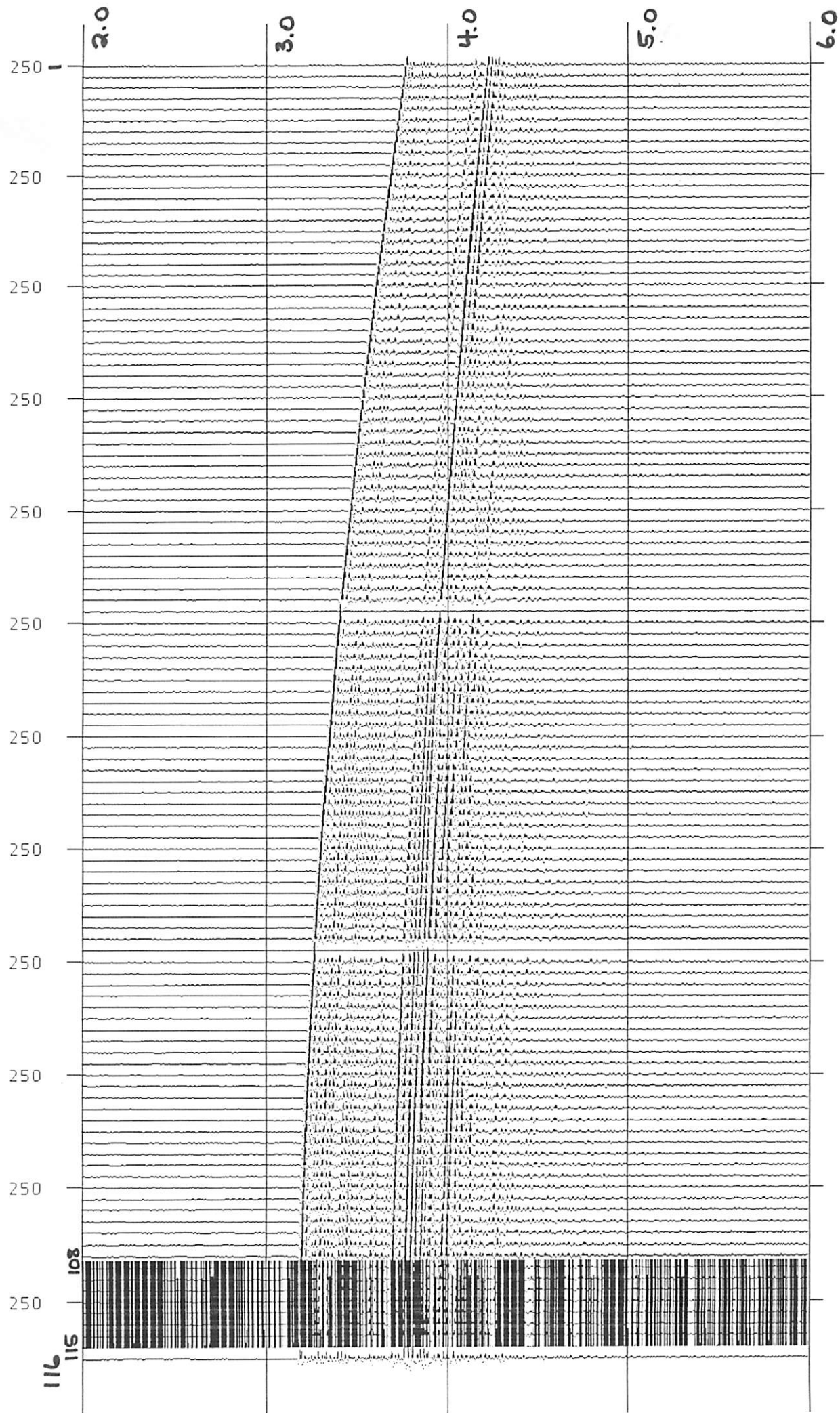
[illegible]

250

116

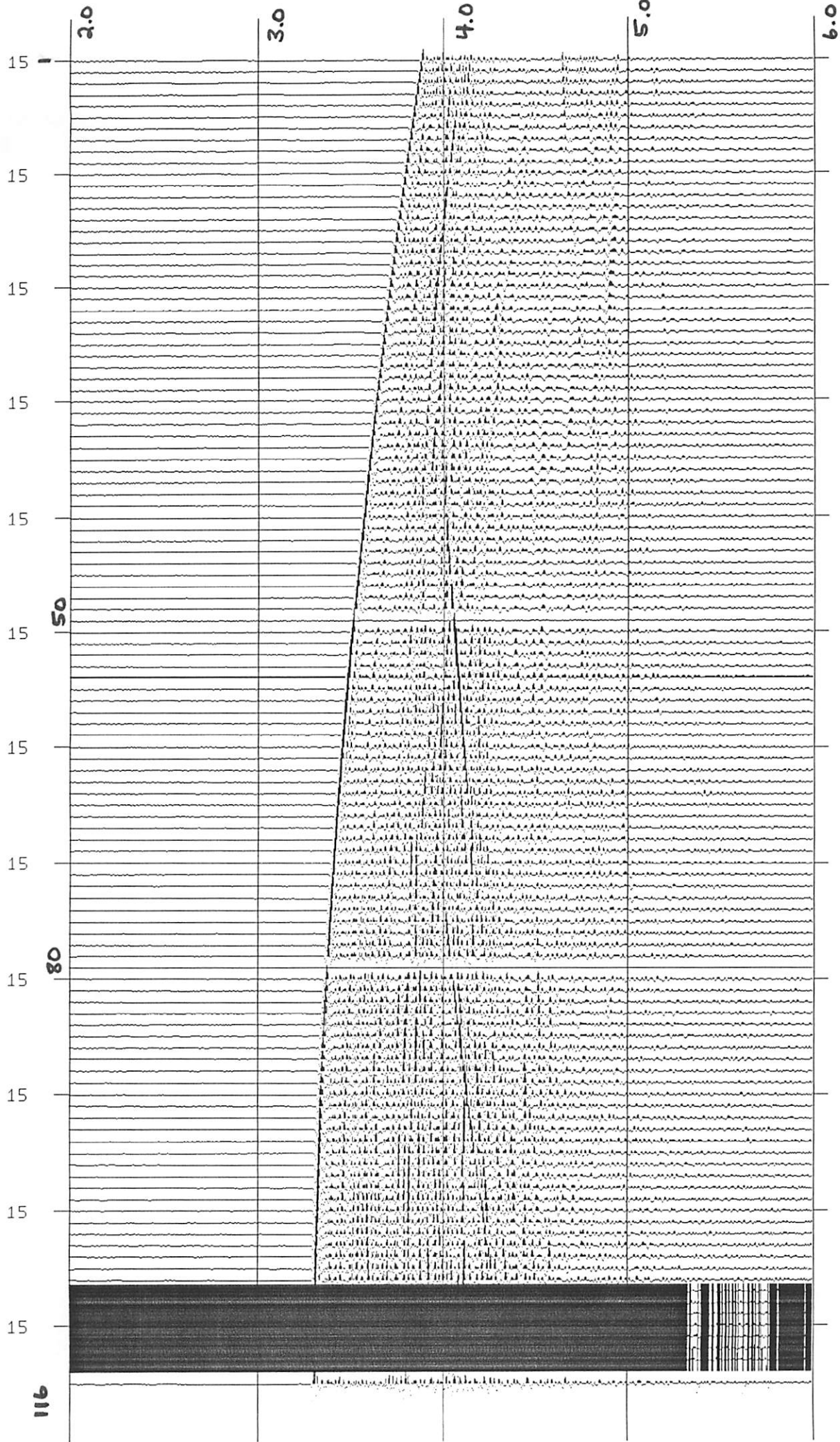


Line 1 Shot 250 Traces 1-116





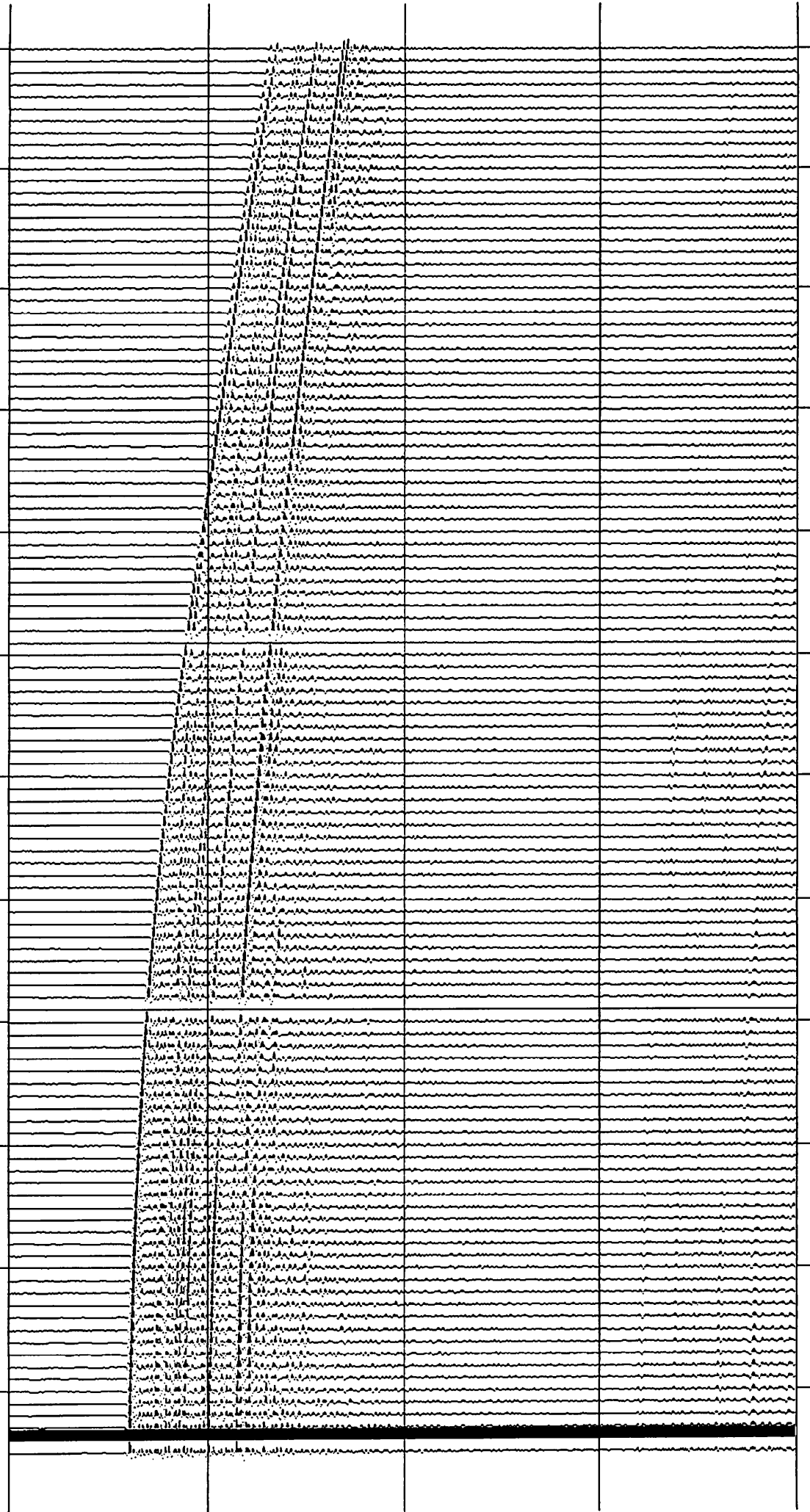
Line 1 Shot 15 Traces 1-116

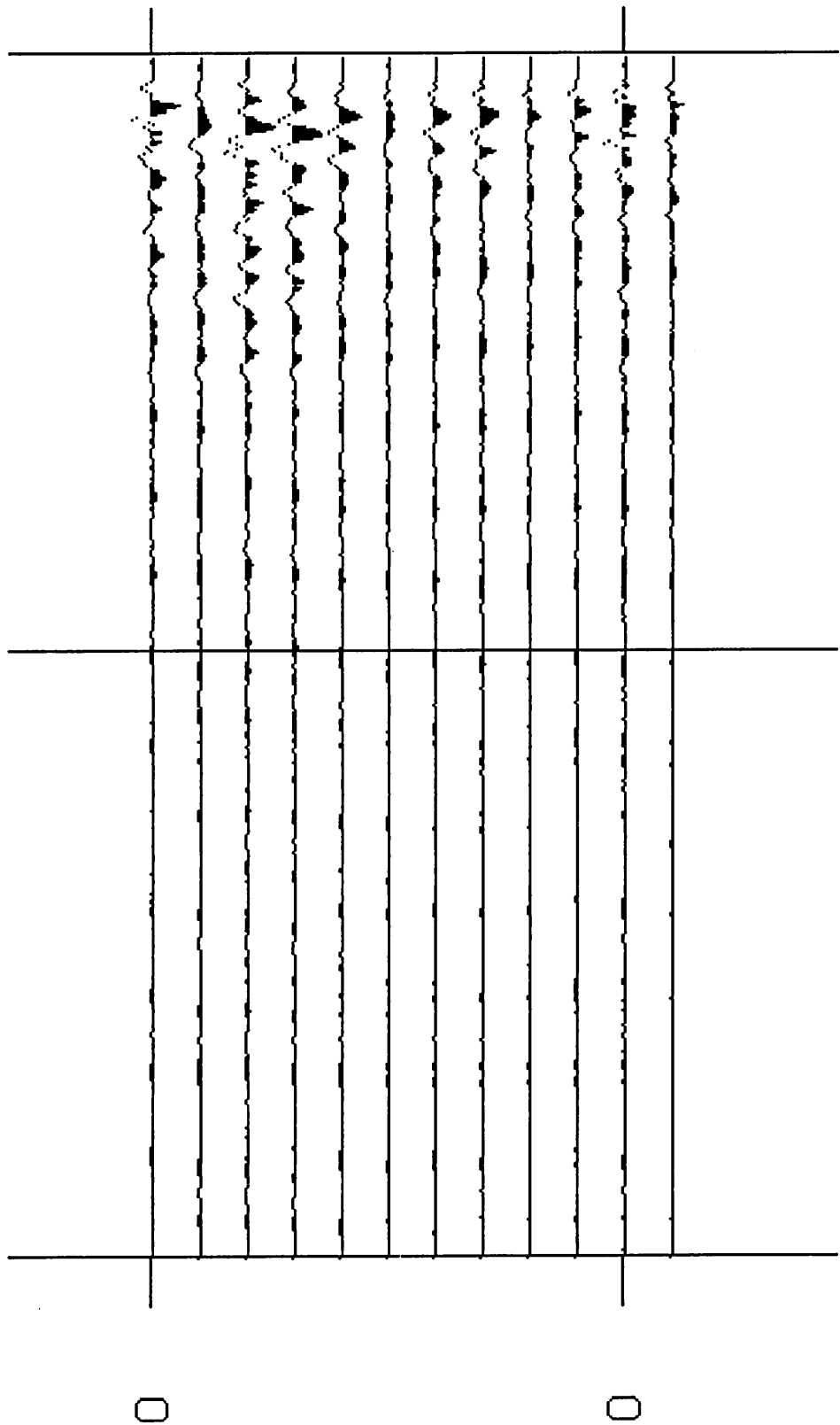


[illegible]

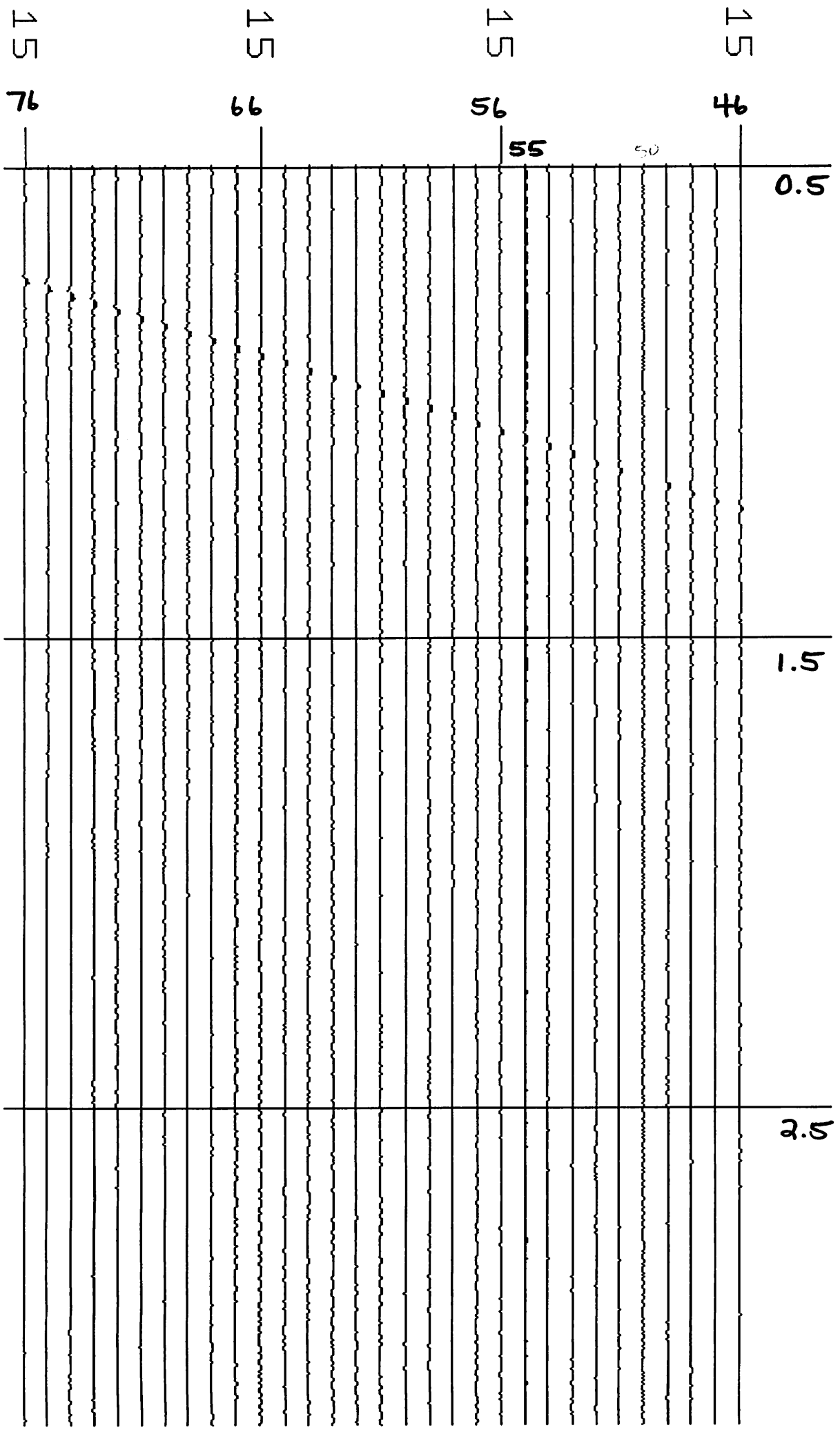
Line 1

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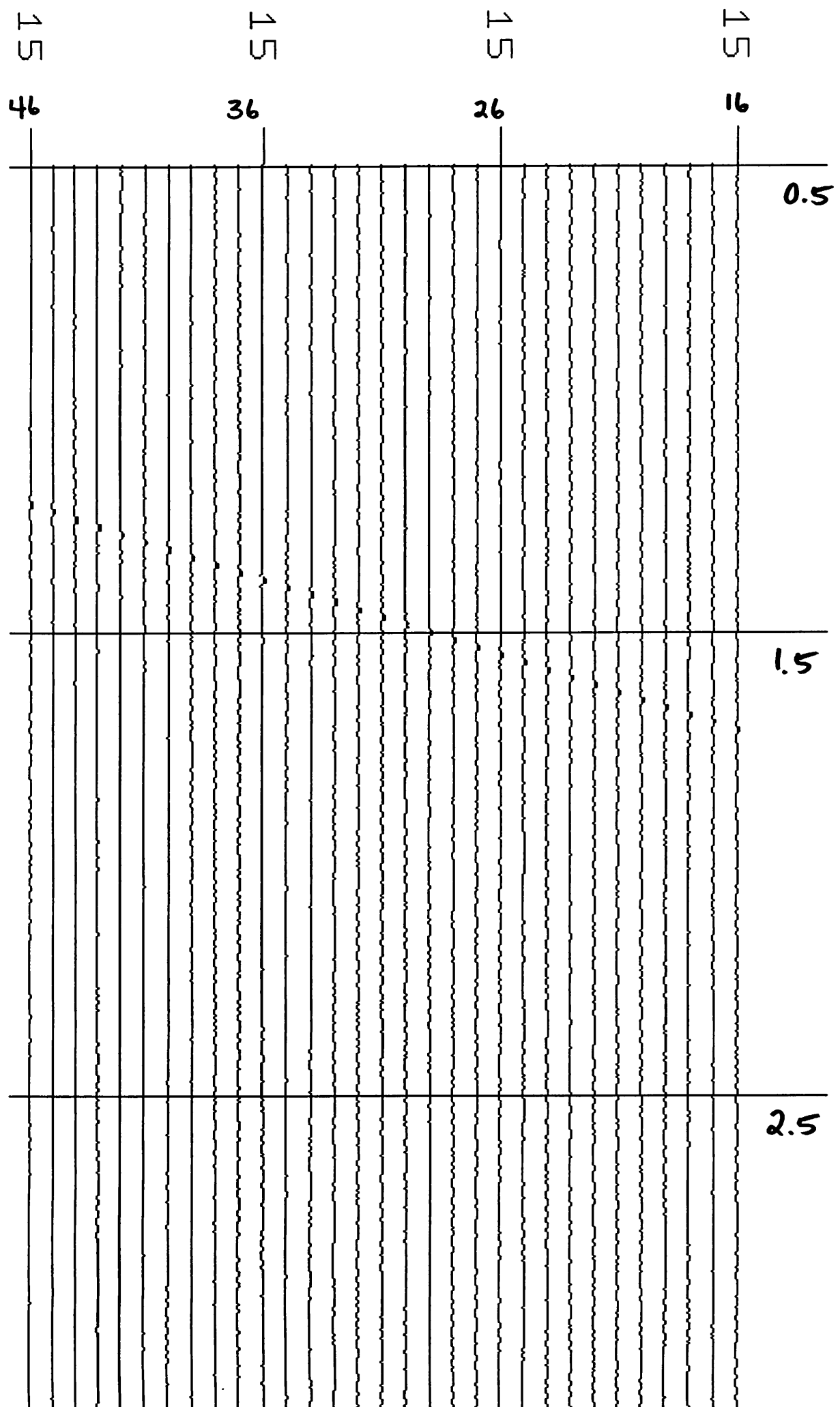


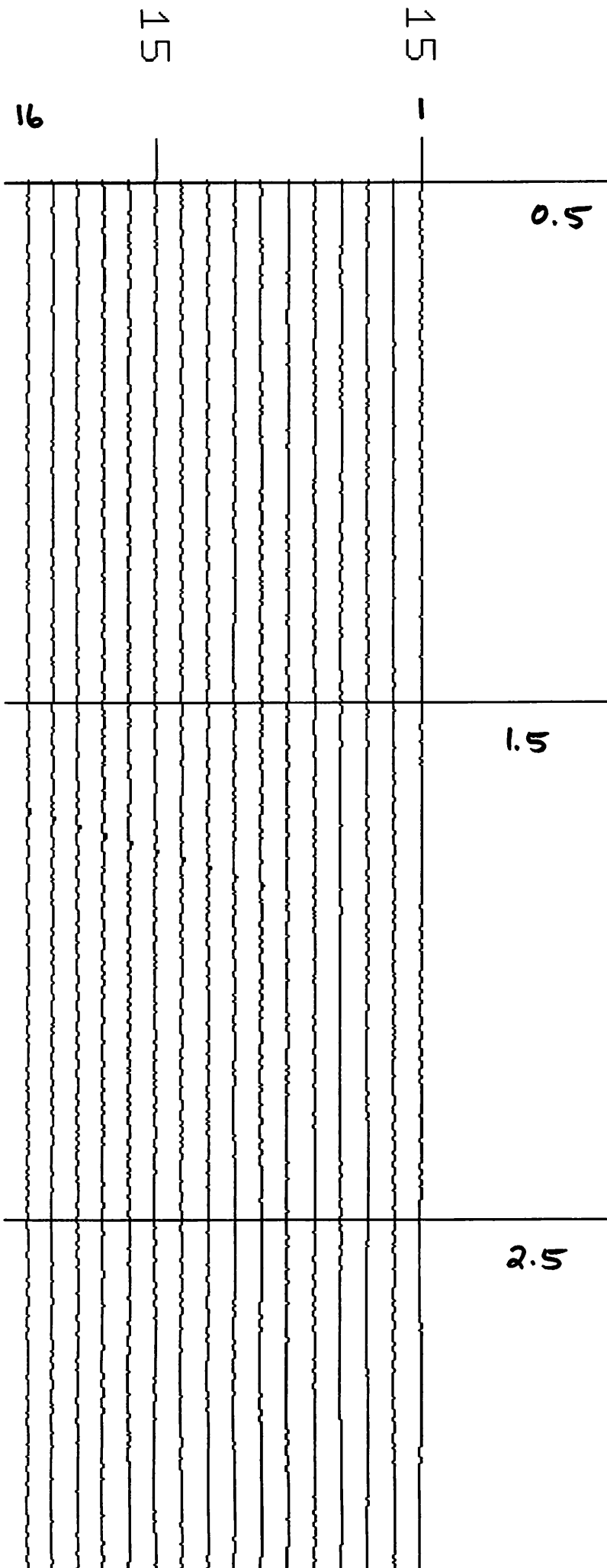


/net/hess/utgi/local/bin/ppick

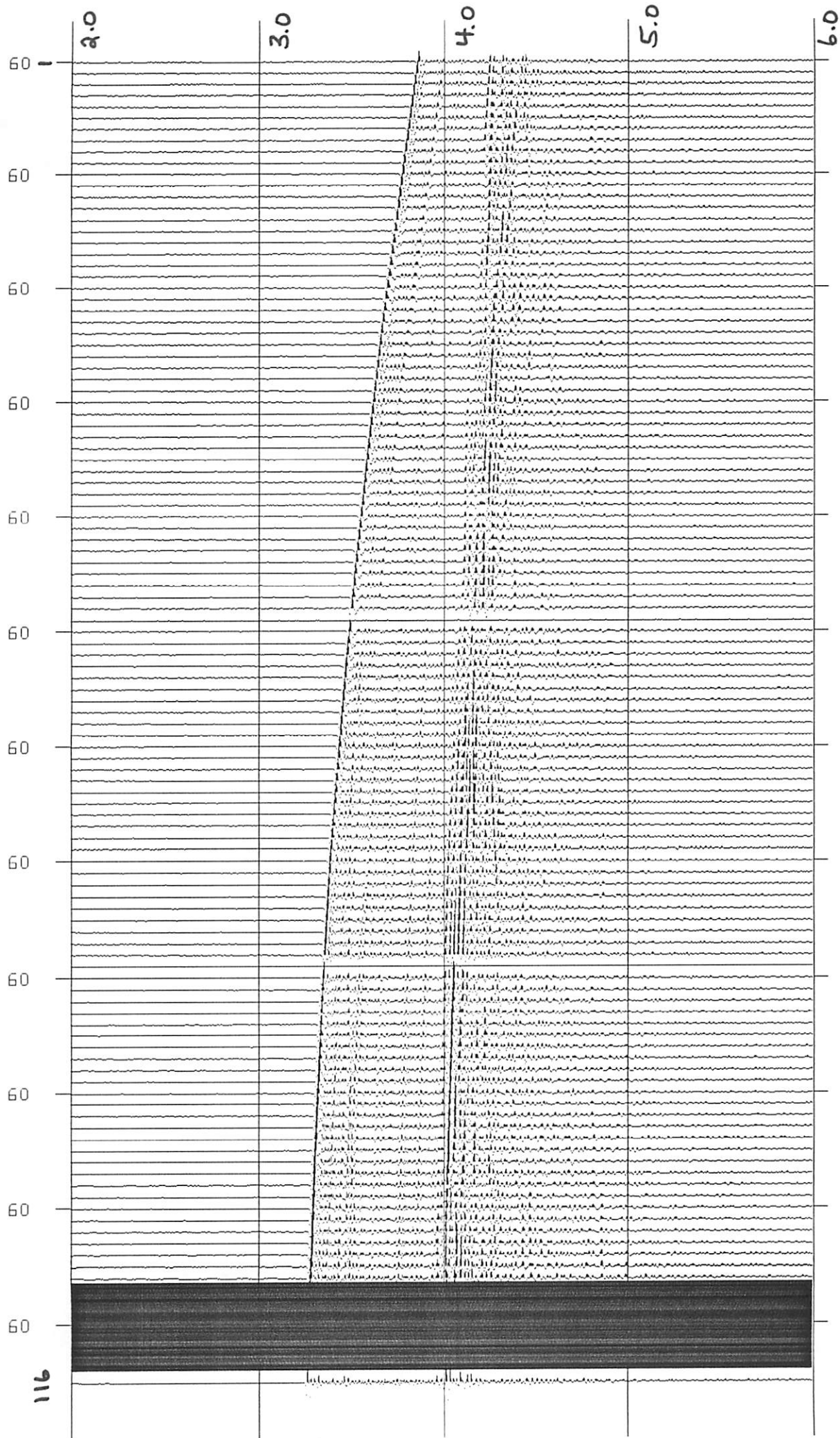




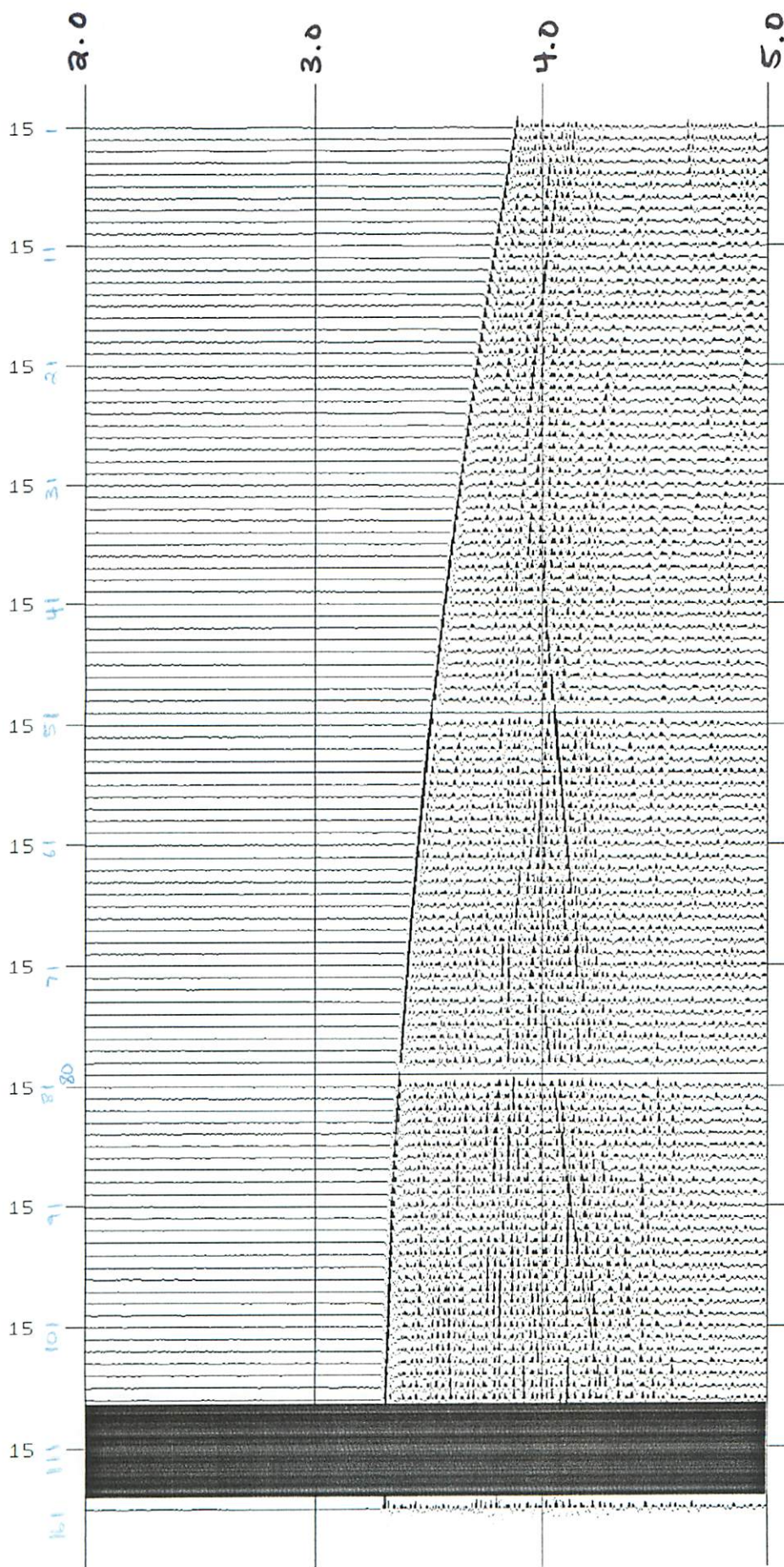




# Line1 Shot 60 Traces 1-116

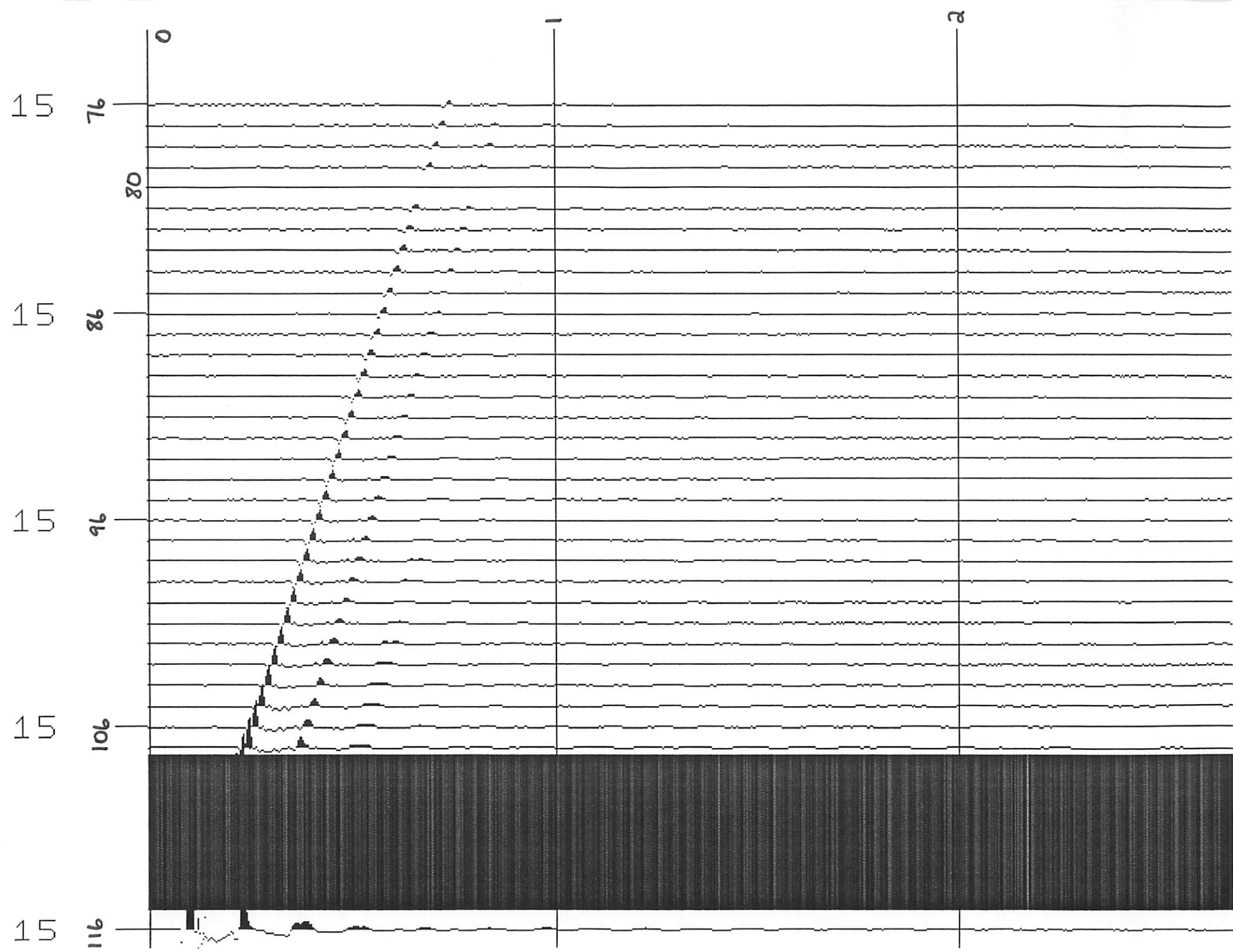


# Line 1 Shot 15 Traces 1-116



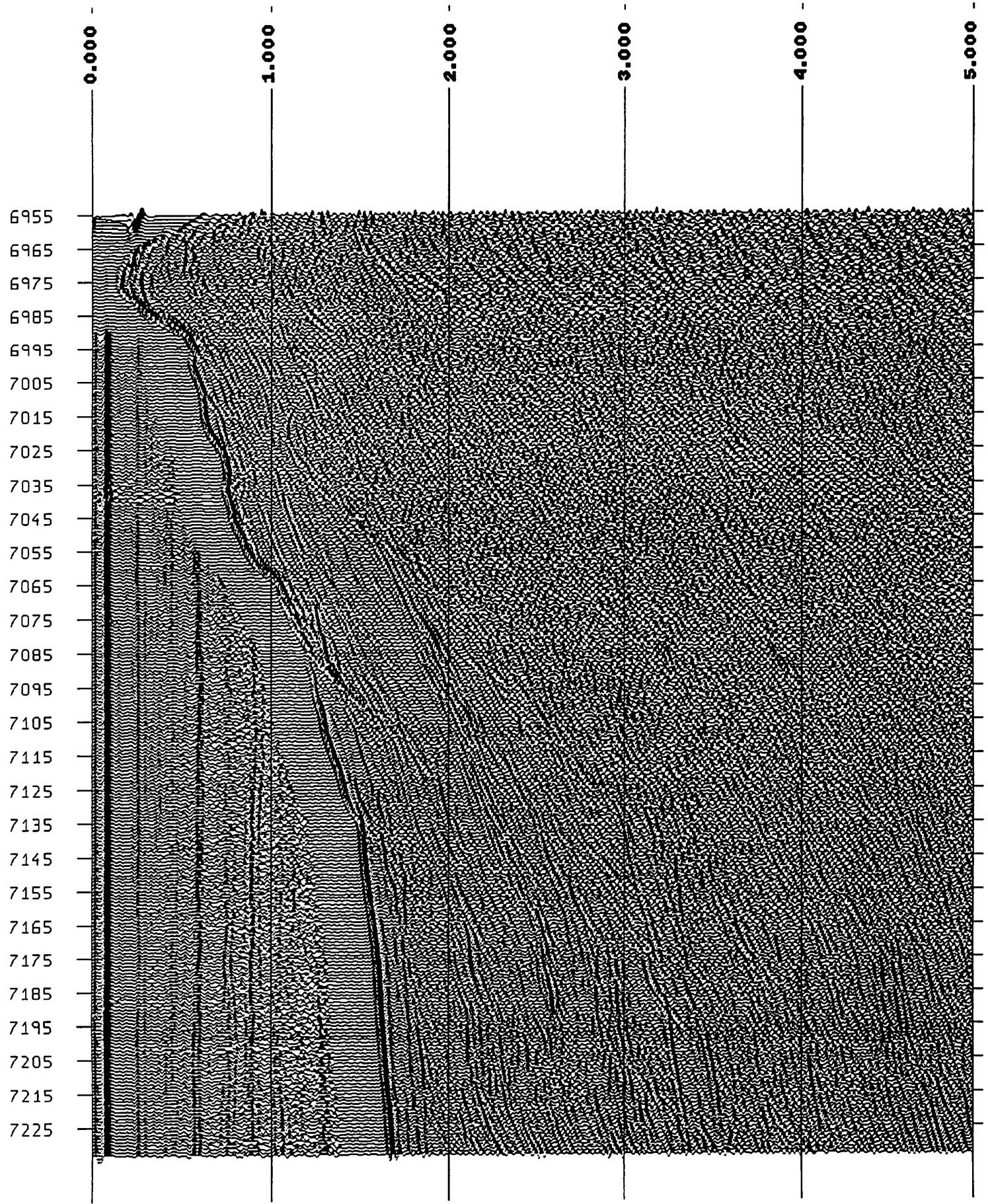
int







line 1 stack



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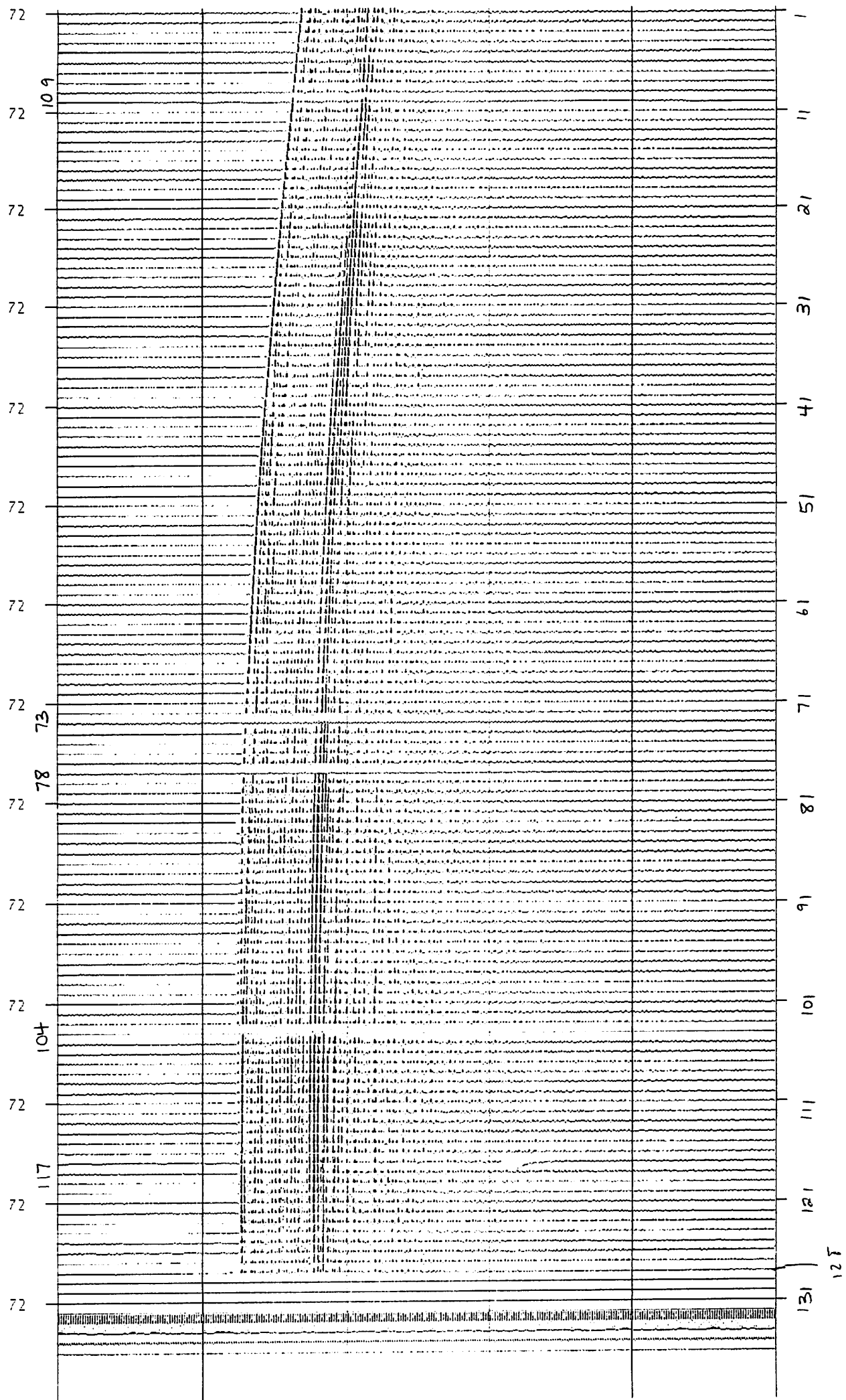
532

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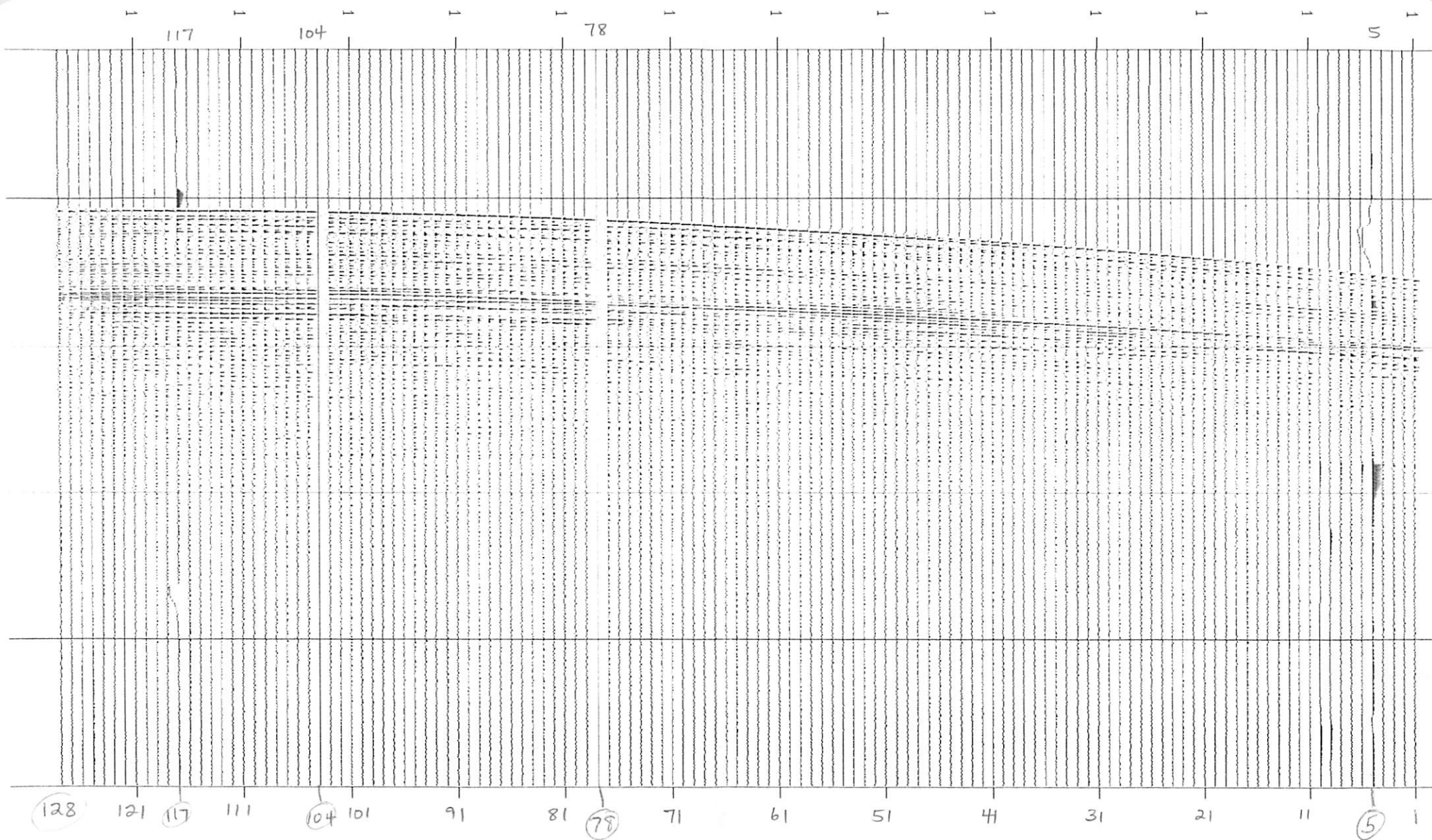
532

Line 20 Shot 72 136 Channels





# Line 20 Shot 1 128 Channels

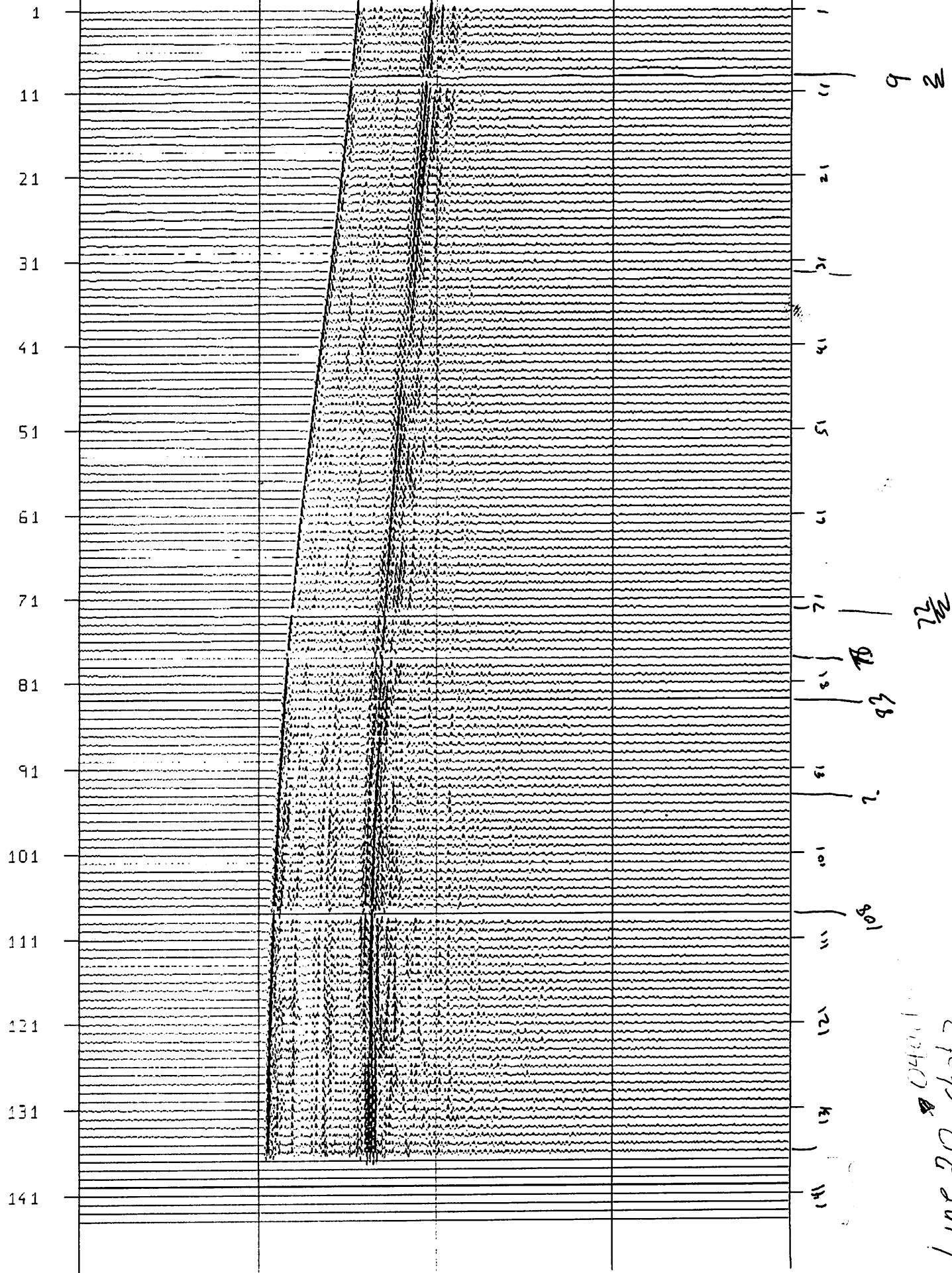


Hook 'em!

27/

CS-1-f

Line 20 Test



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116 111 101 91 81 71 61 51 50 41 31 21 11 1

3

variable offset

87 85  
spikes

total. 115, 87, 85, 80, 55, 50, 3  
31 Oct 95 Line 19



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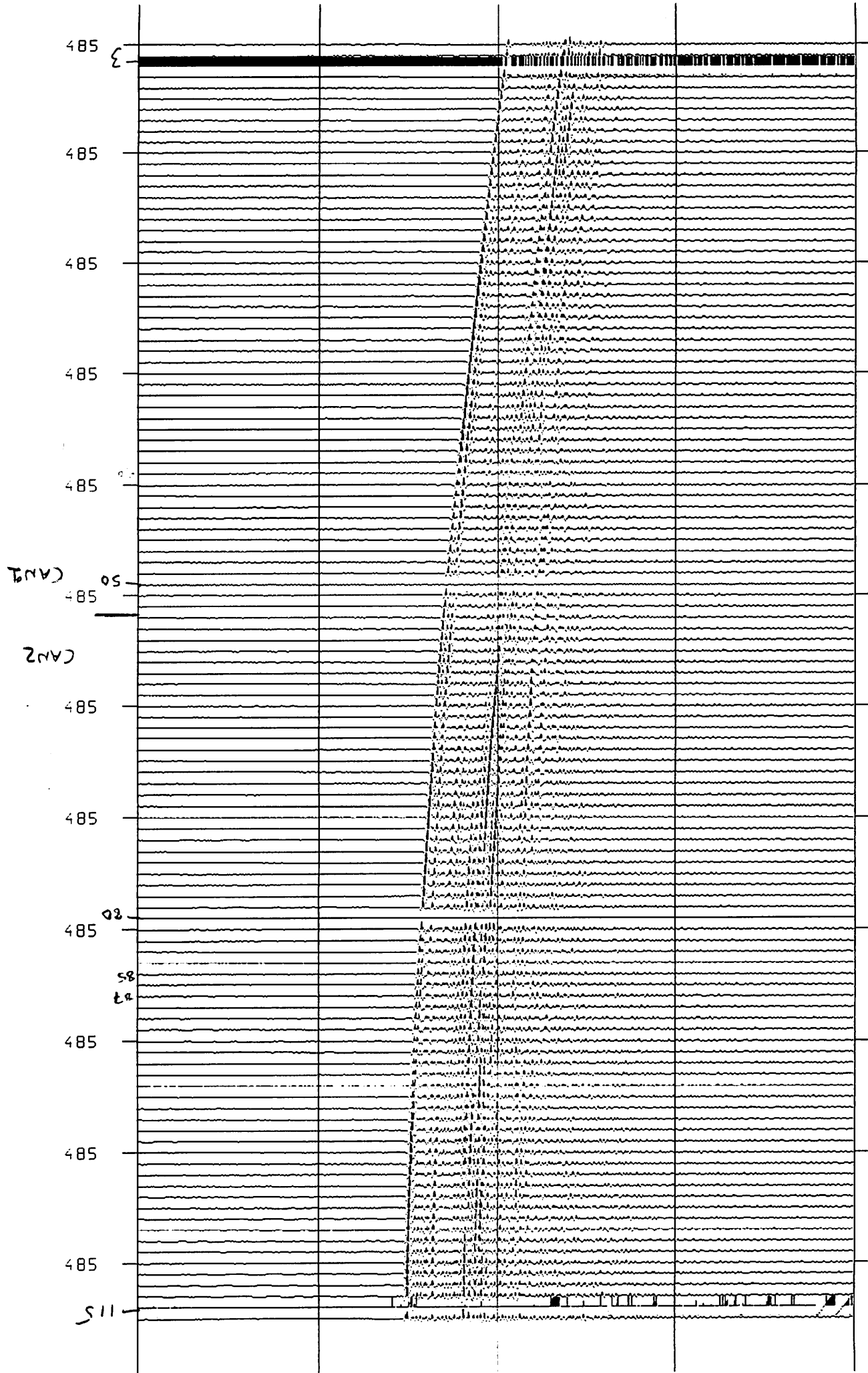
3

87 85  
spikes

variable dc offset

31 Oct 95 Line 19

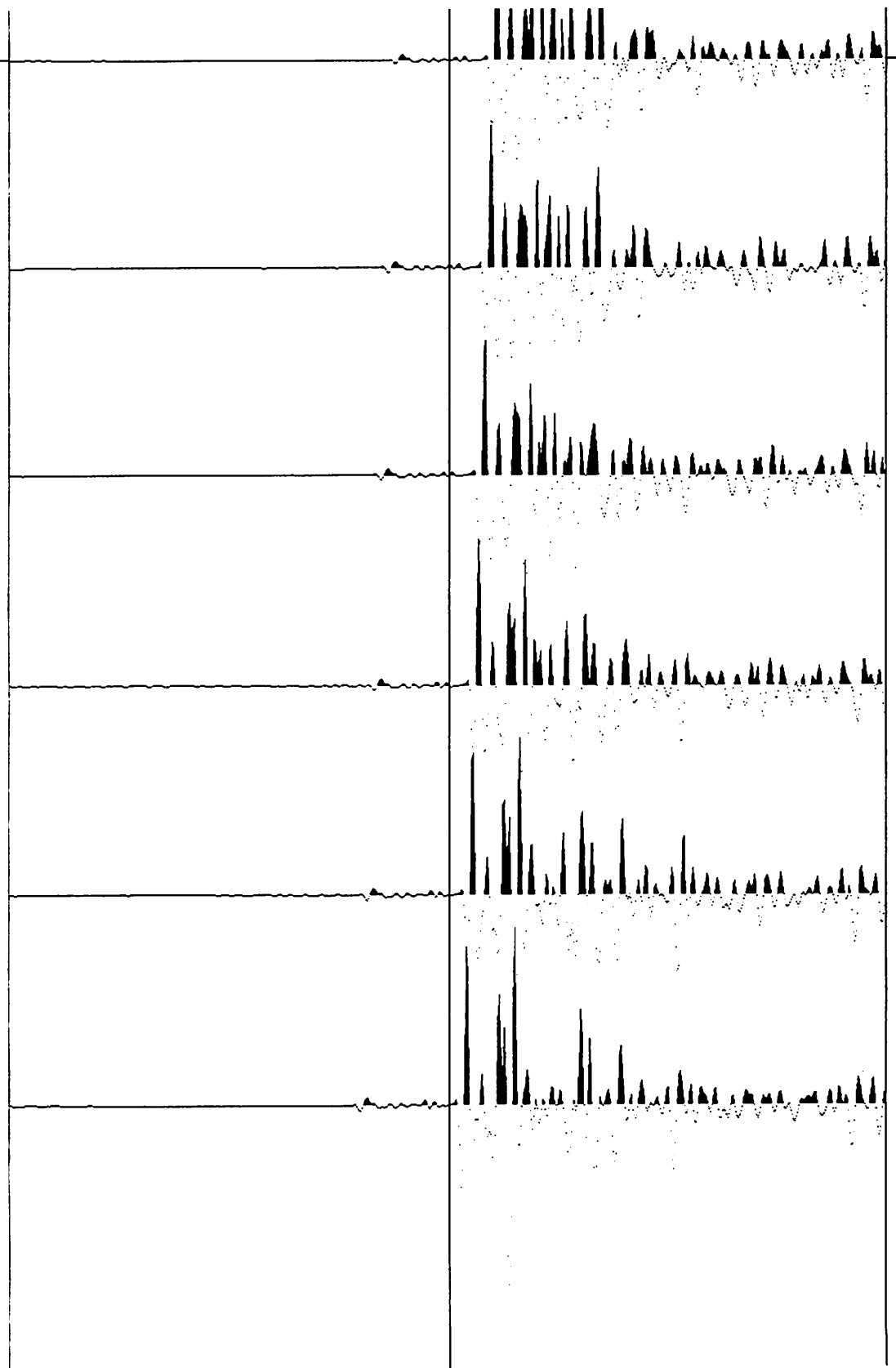
total. 115, 87, 85, 80, 55, 50, 3



26 Oct 95 Line 9

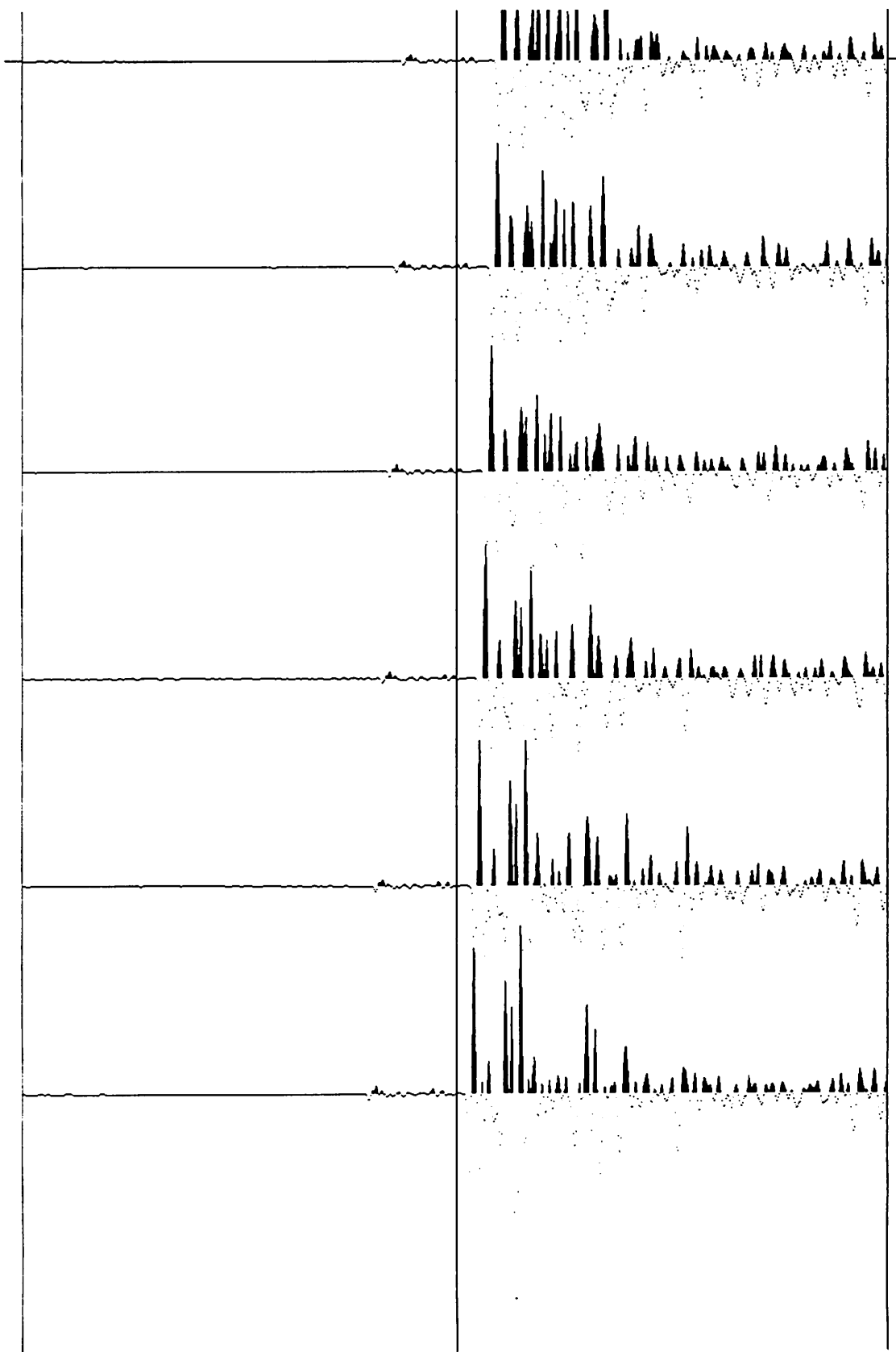
4 ms SI  
from Disk

3916

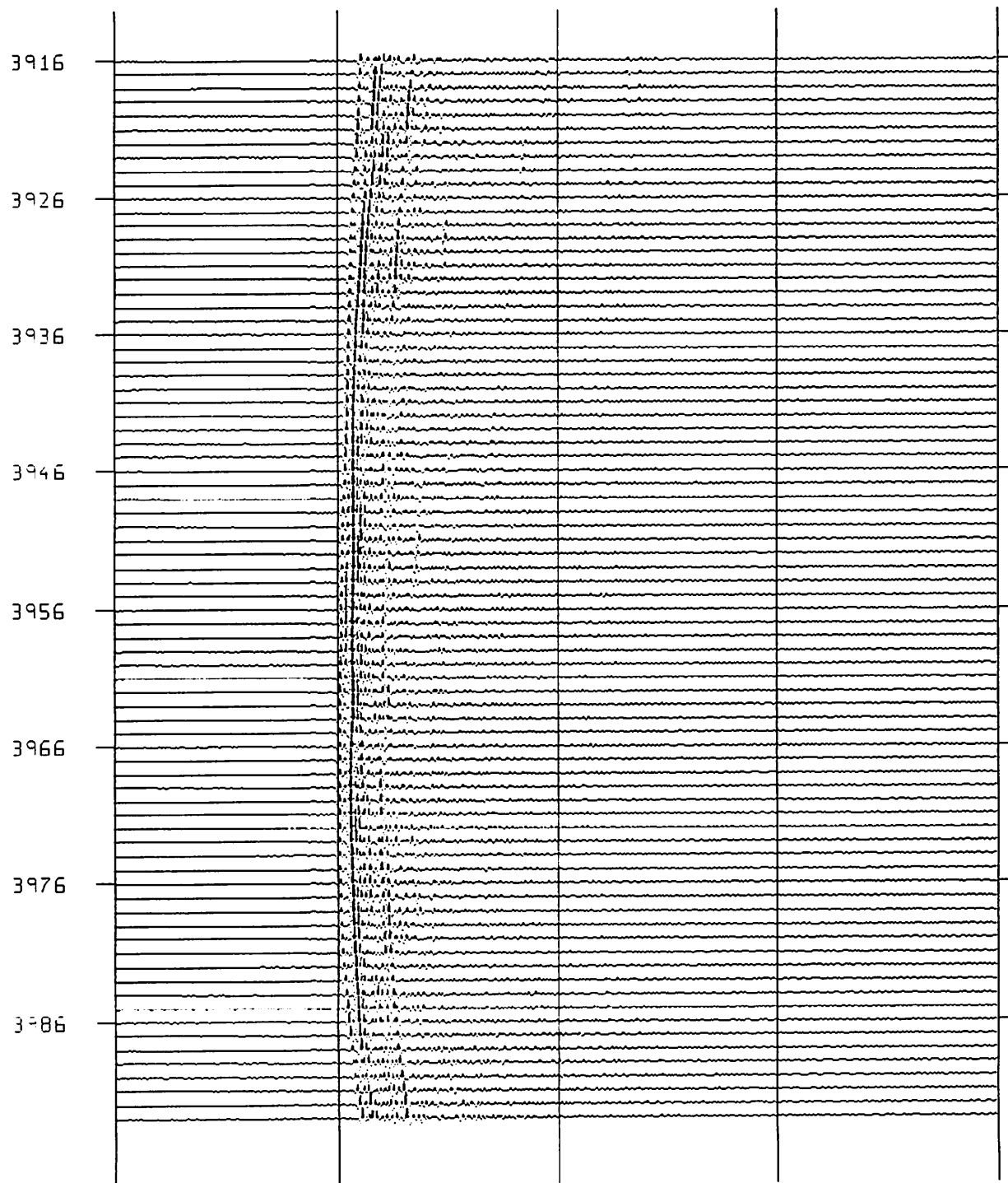


2ms 5i  
from tape

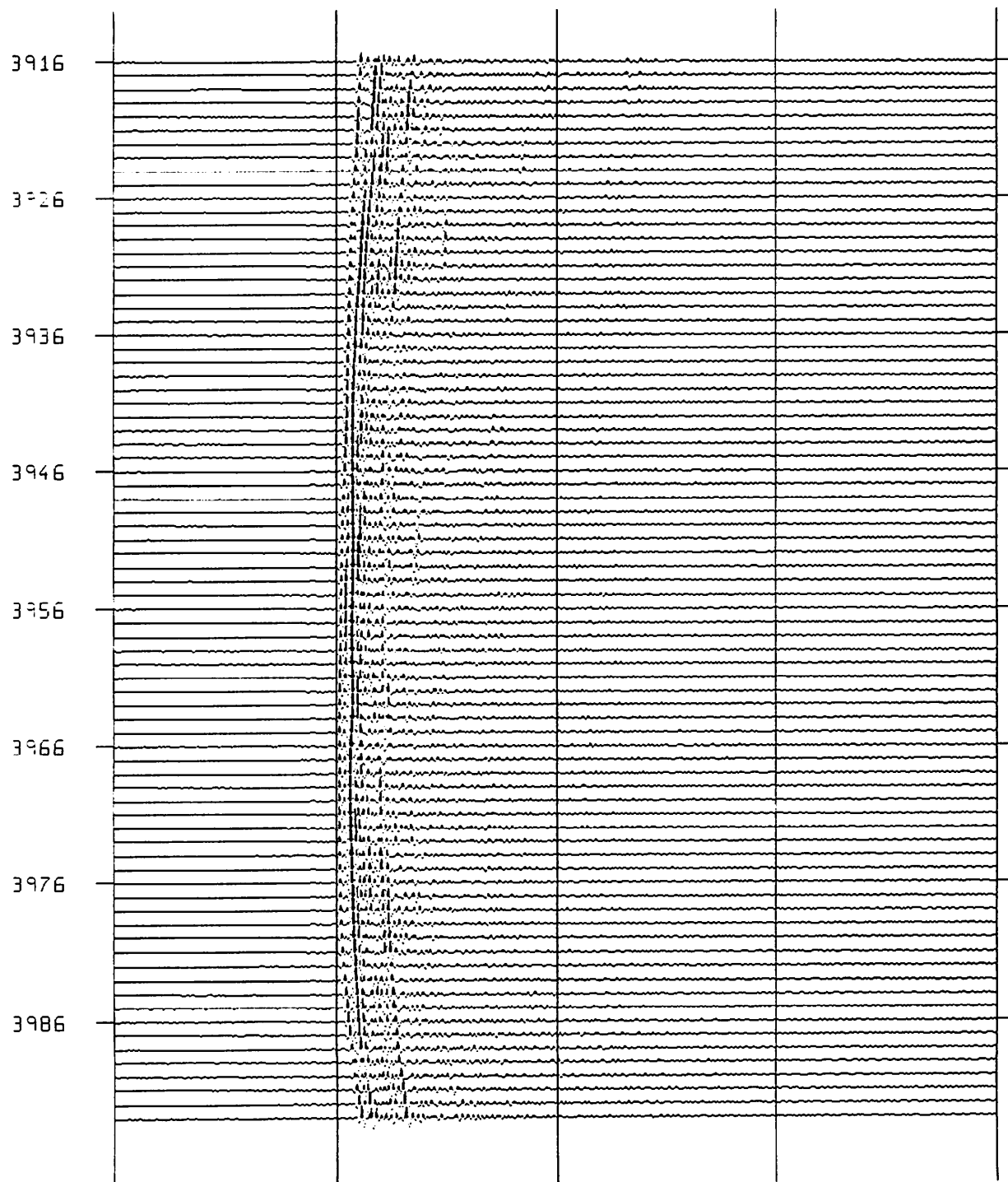
3916



Trace # 47 St # 3916-3993  
2 ms Si  
for type



Trace #67 ST# 3916-3993  
4 ms si  
from disk



Line 1

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Line 1

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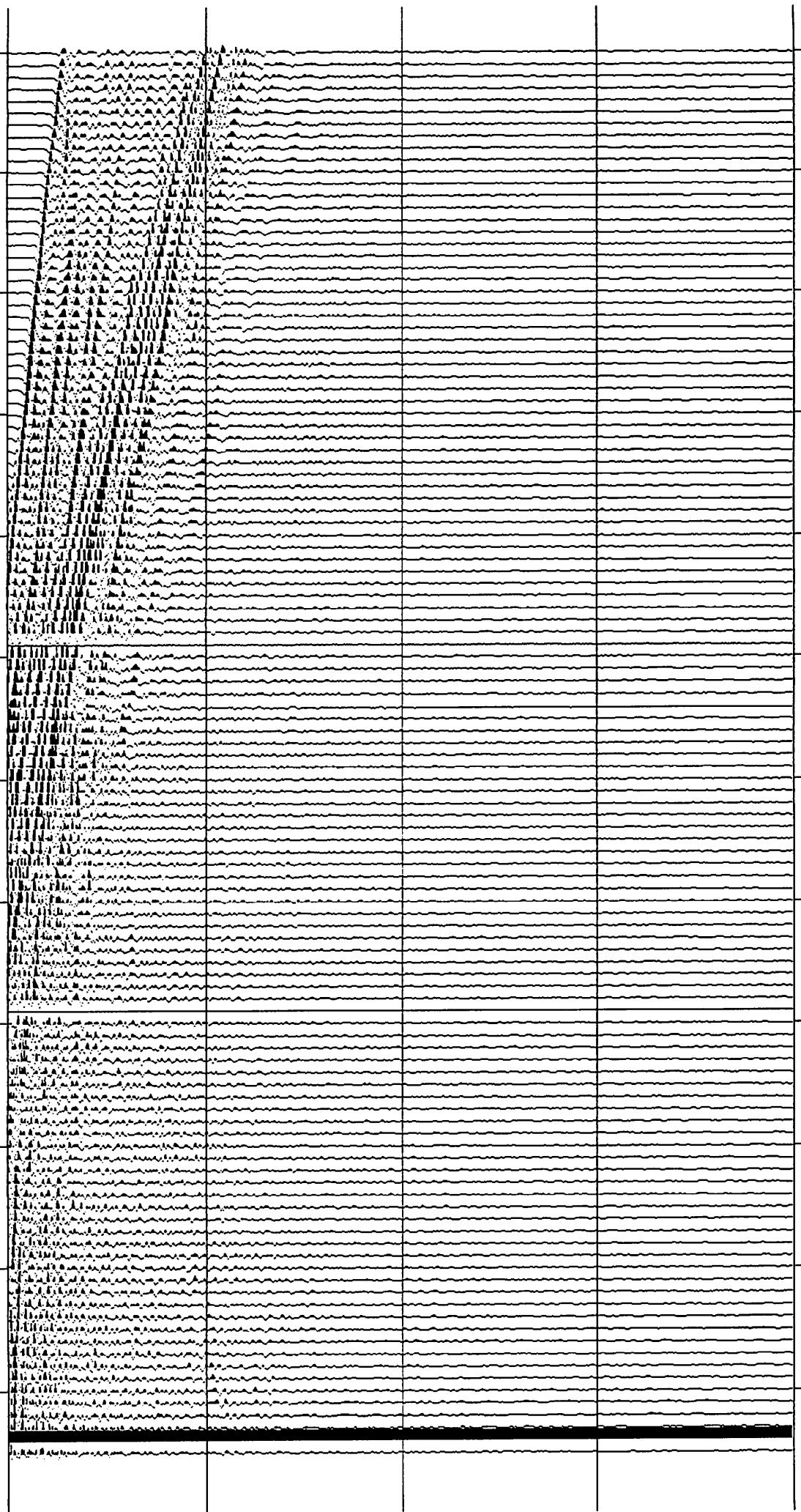
6802

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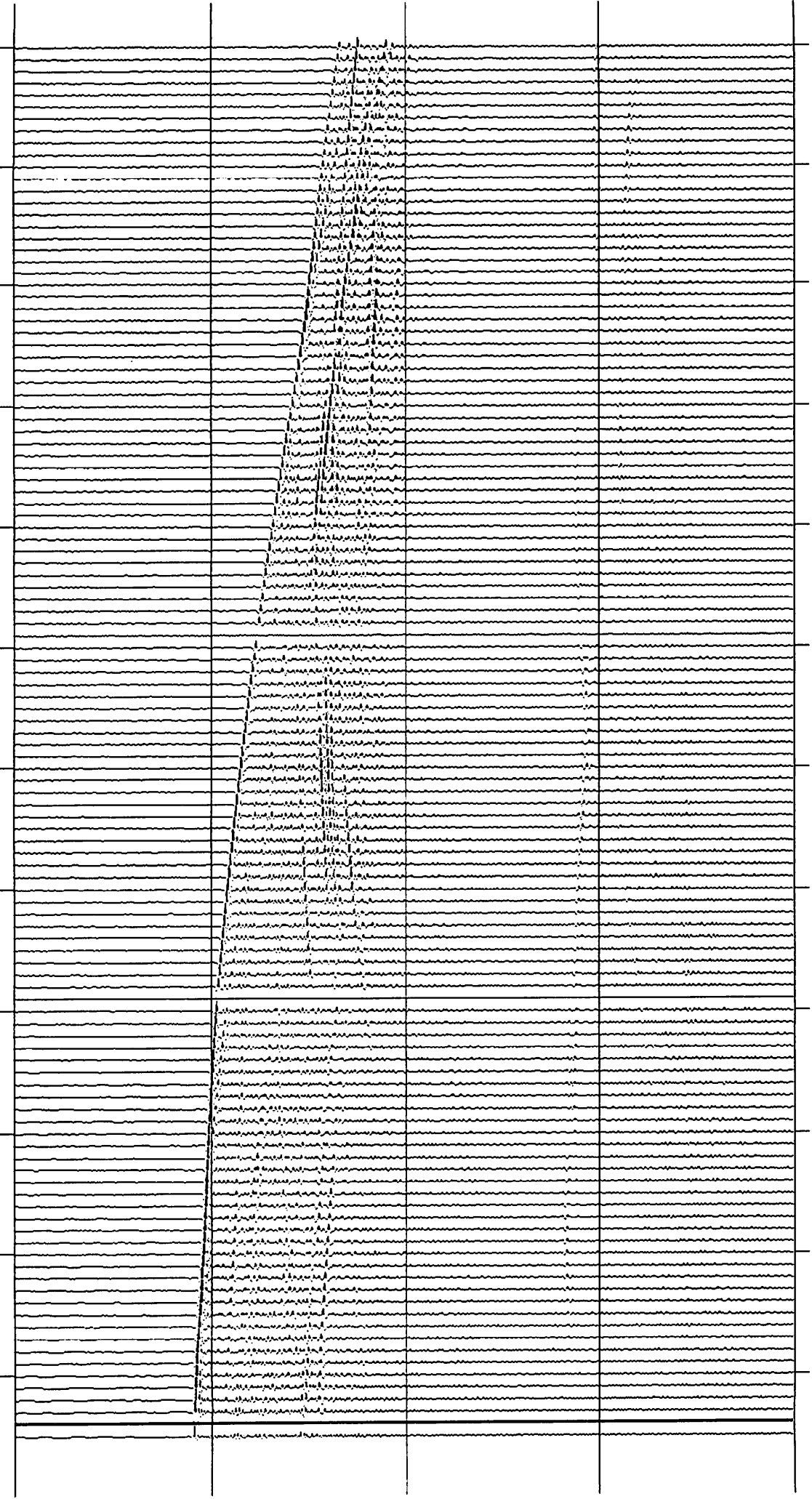
6802

6802



Line 1

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Line 1

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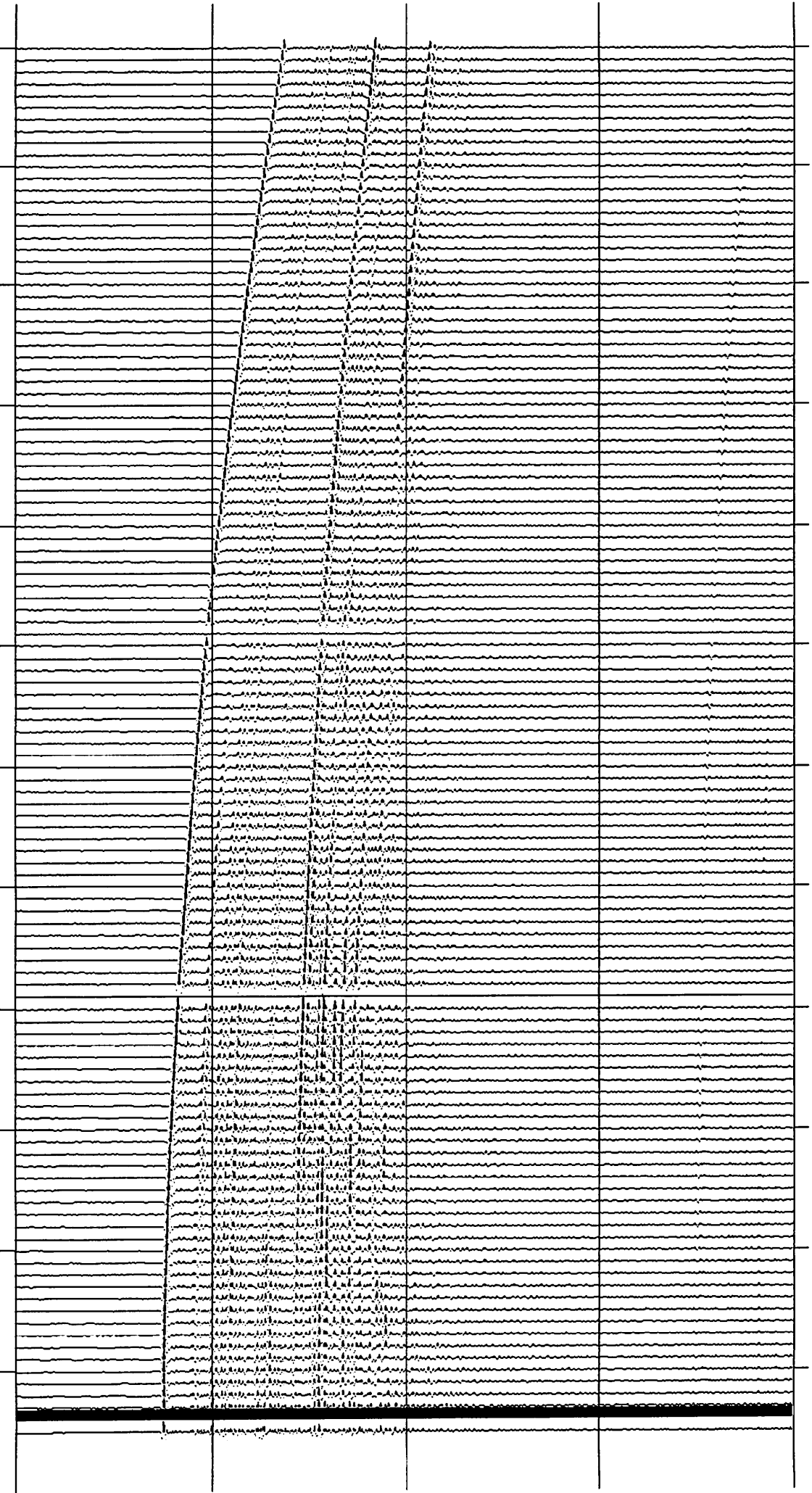
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Line 1

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Line 1

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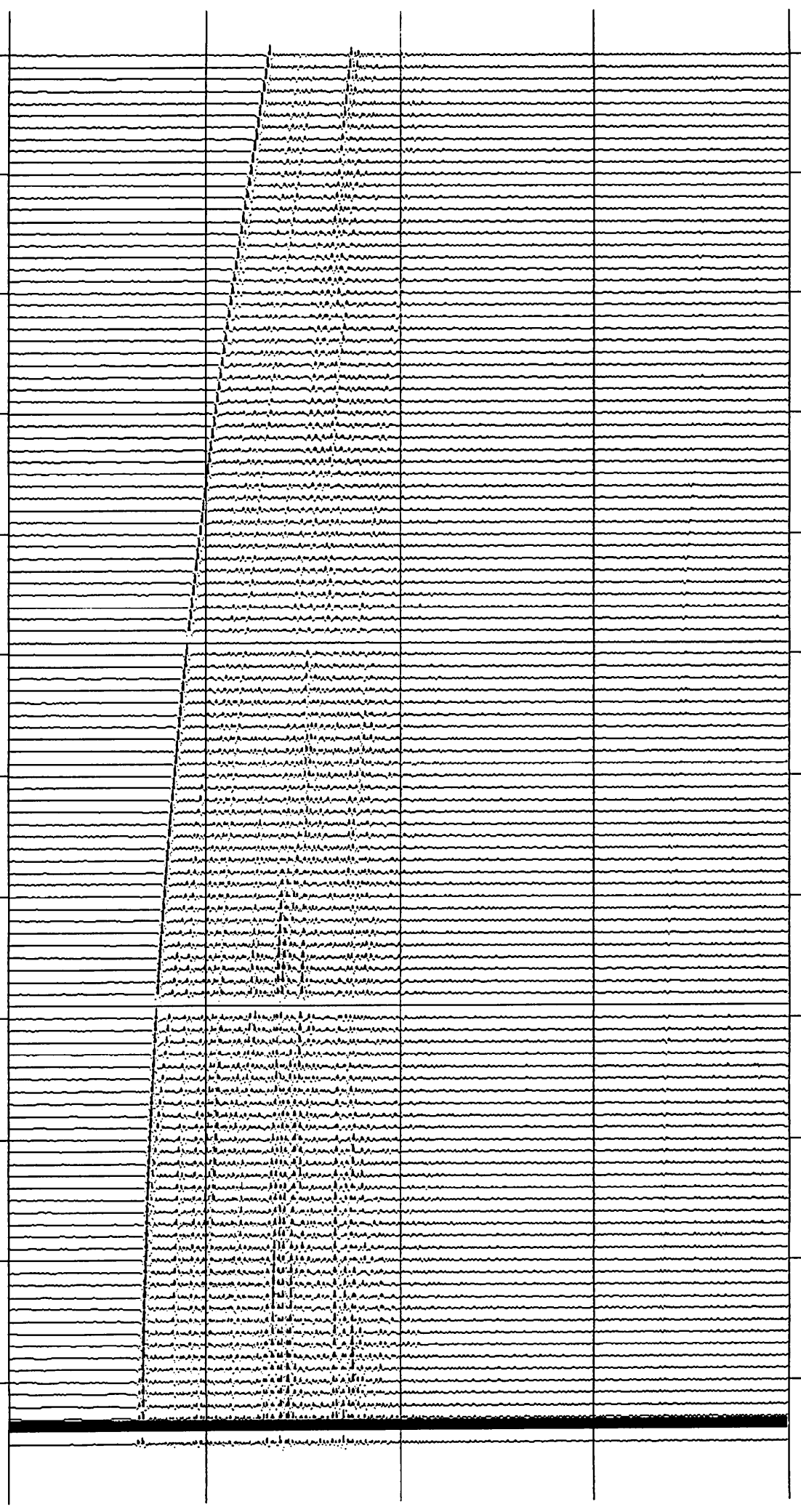
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Line 1

1810

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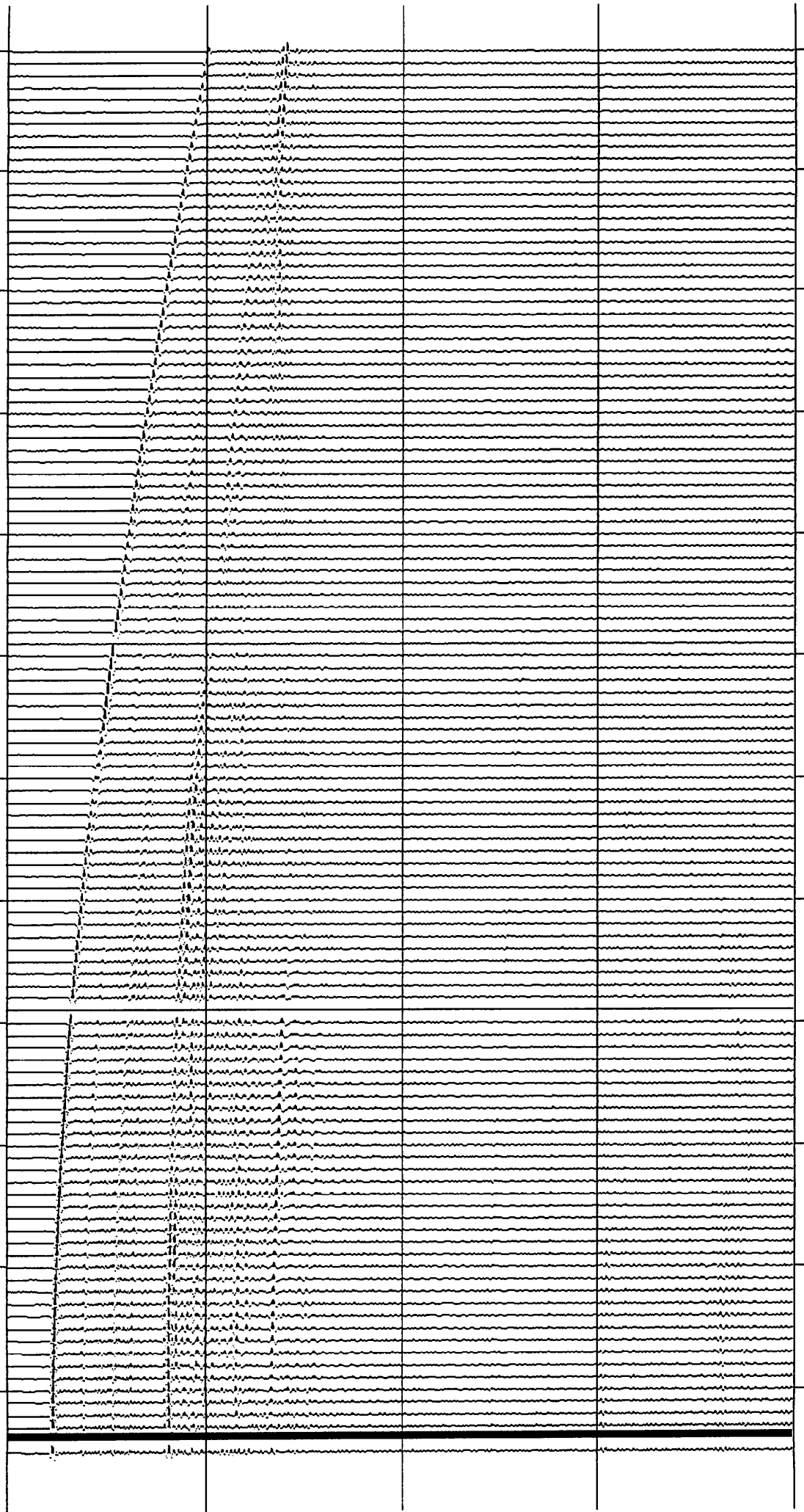
1810

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Line 1

1498

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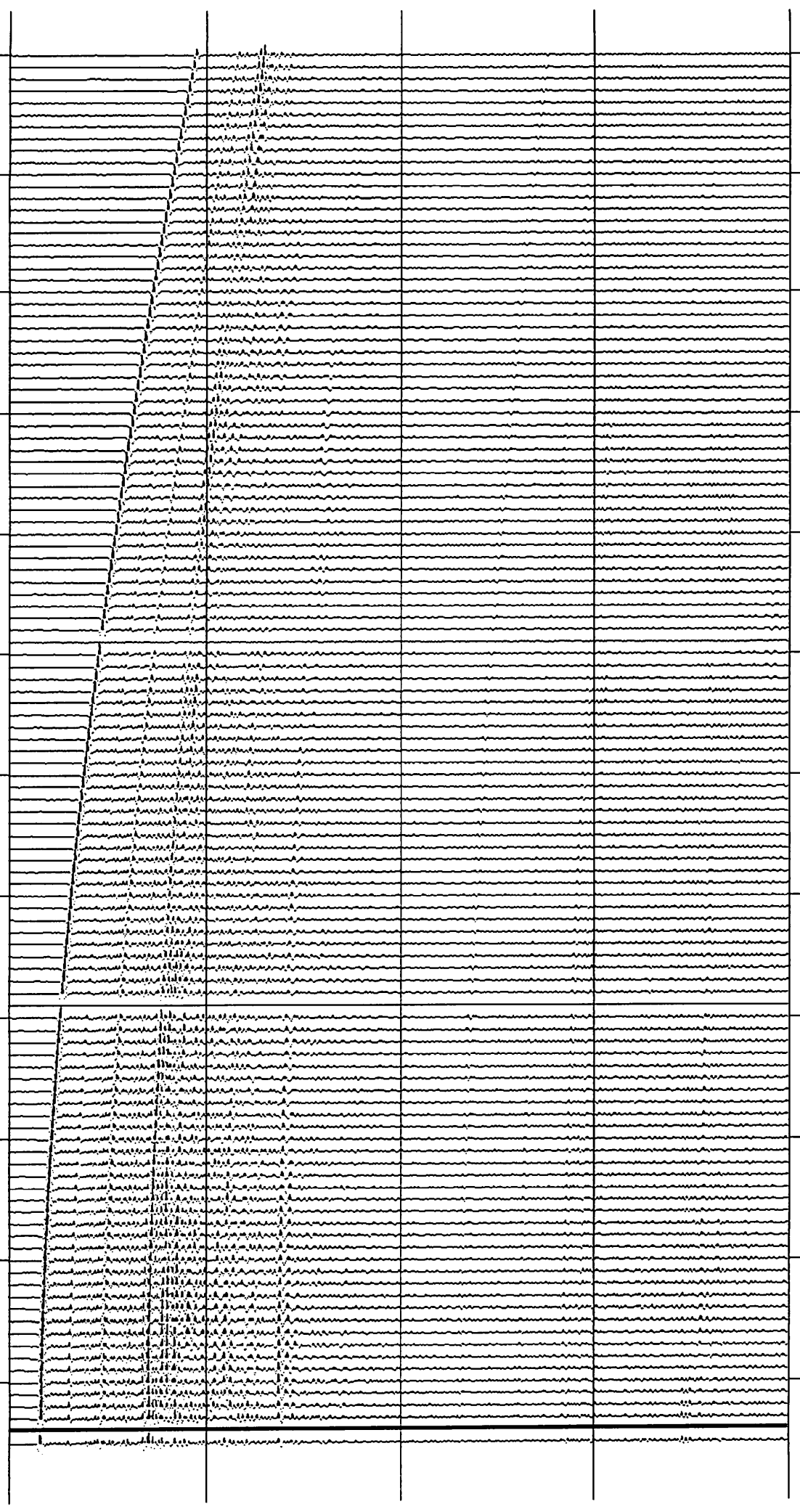
1498

1498

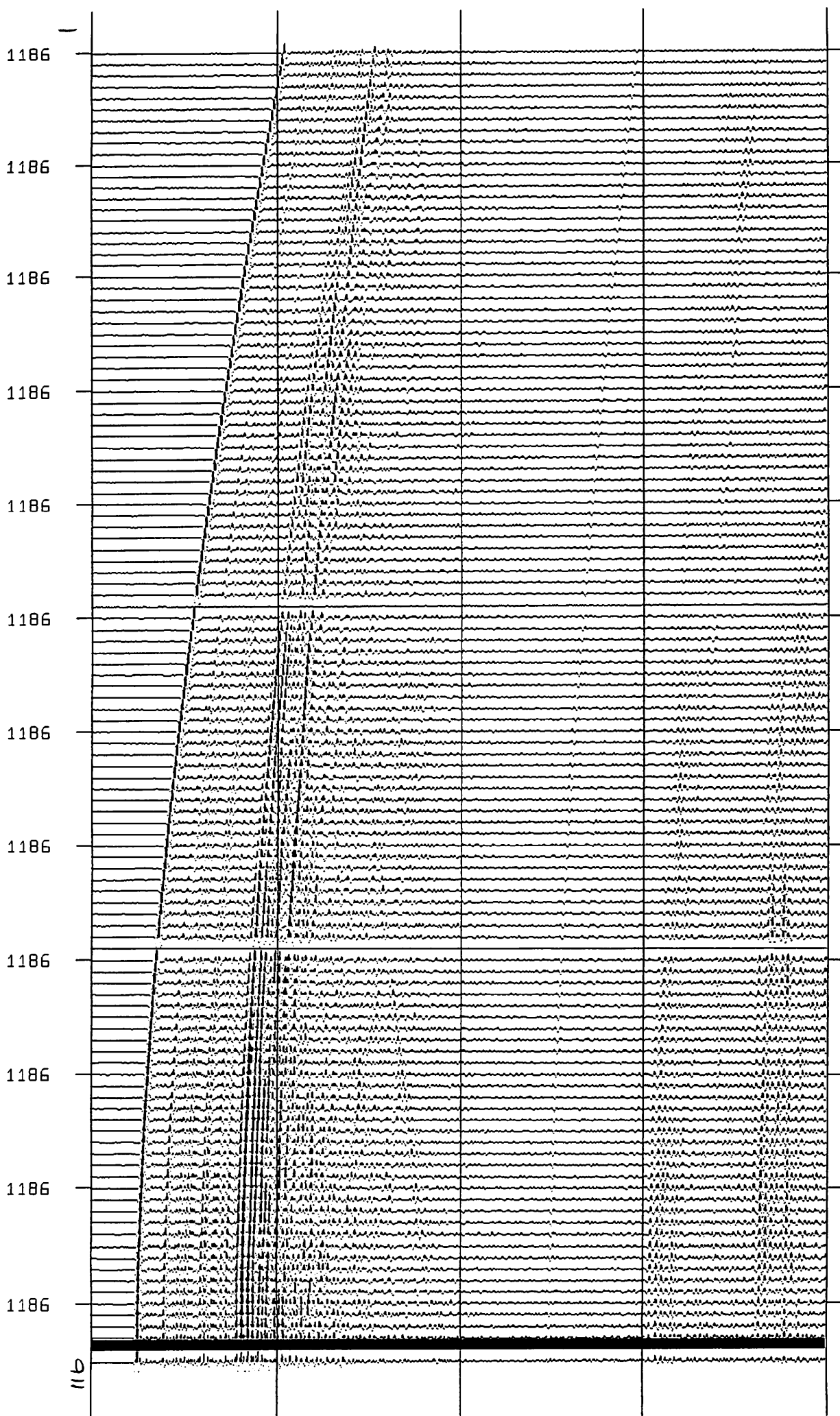
1498

1498

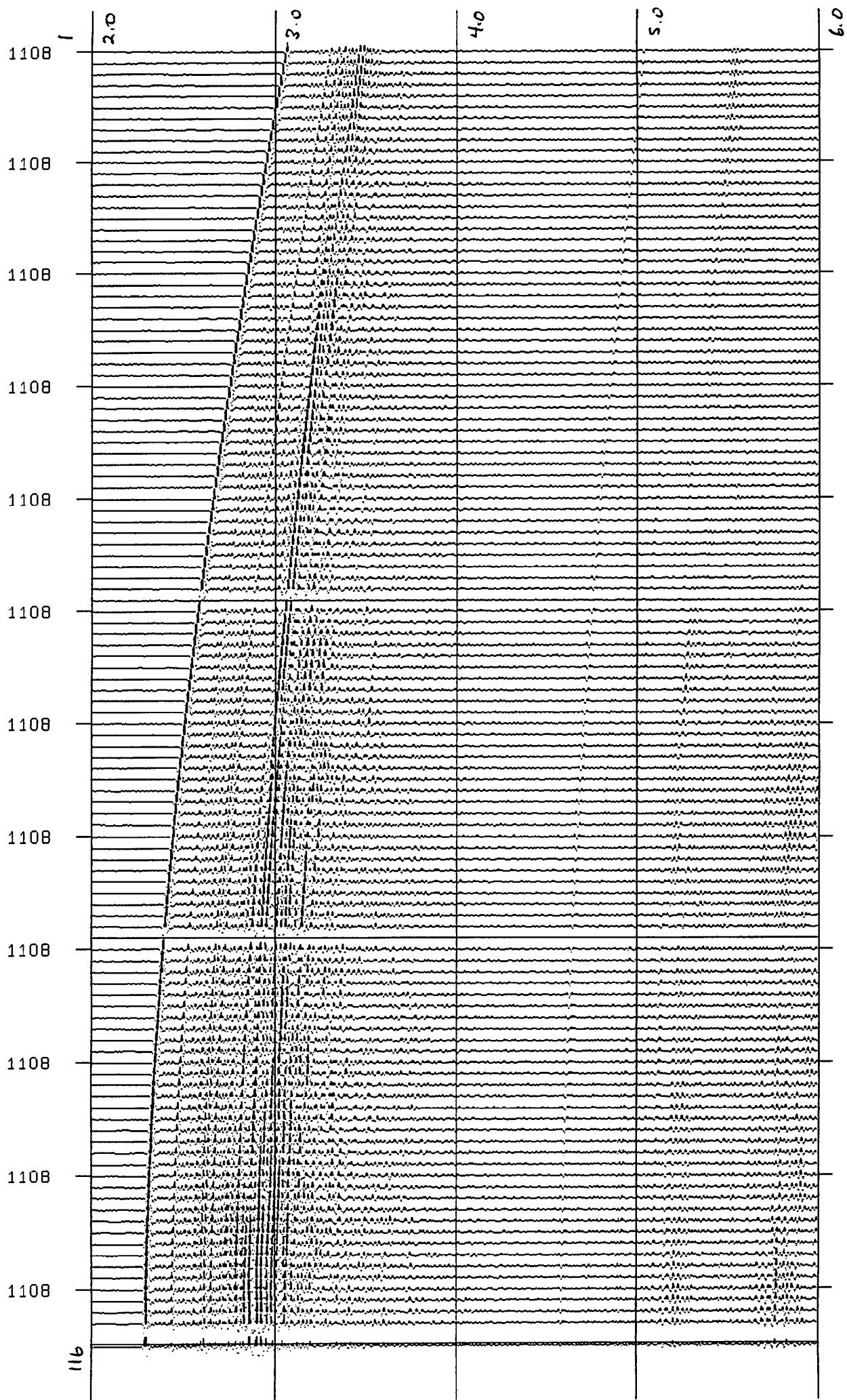
1498



Line 1



Line 1



Line 1

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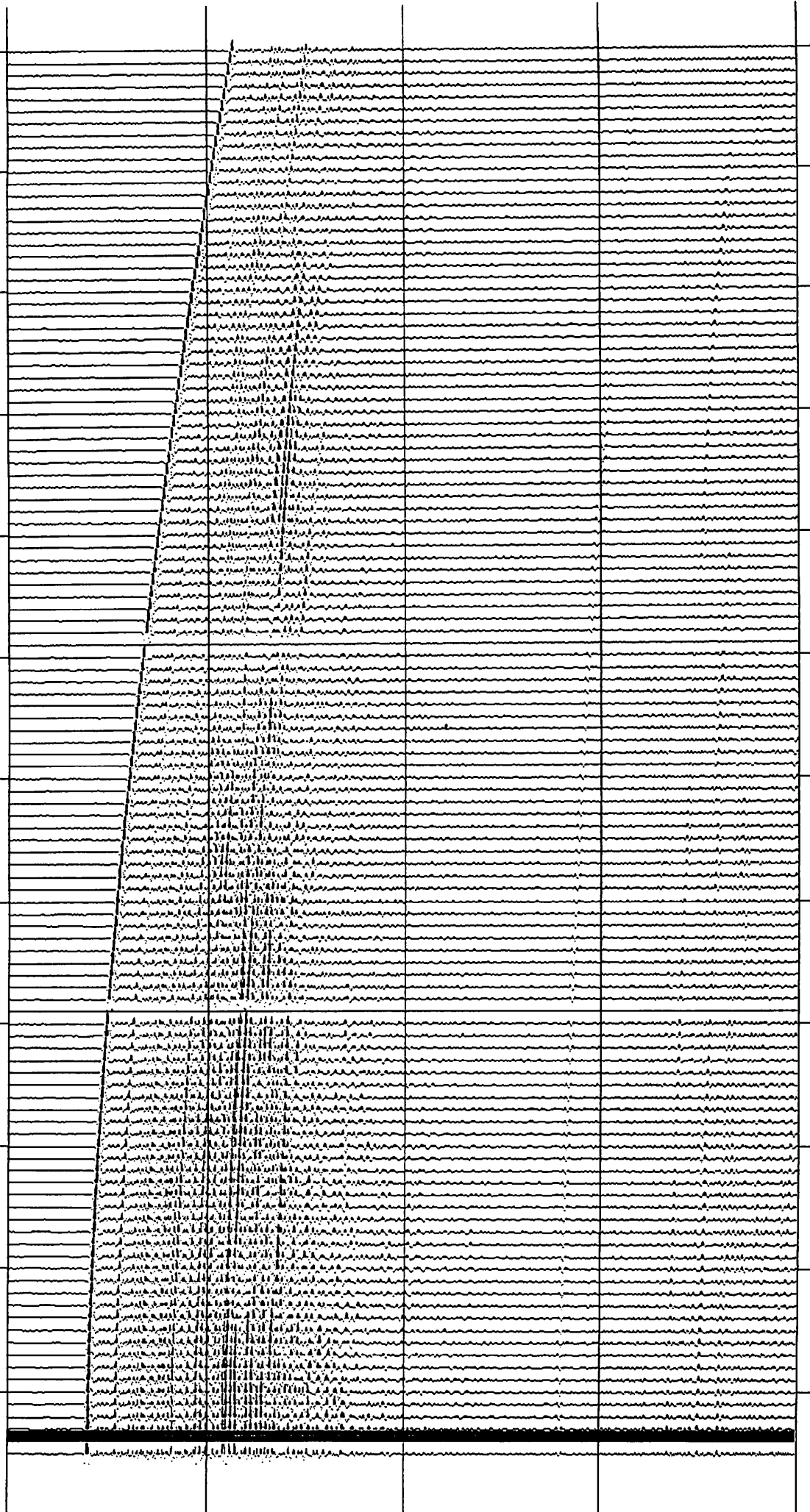
874

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911



11/5/95

EELST2.XLS

STERN Channels 1-152 3600m  
 147m Active sections Channels not Avail.

$$156 - 16(1-4) = 140$$

DATE 11/5/95					CRUISE:	EW9511			
CHANNELS: 140					GROUP:	25M			
SECTION	CHAN	CAN	SECTION		CURRENT	COMPASS	BIRD	BIRD	
NUMBER	#	SERIAL #	SERIAL#	LENGTH	DRAW	SERIAL#	#	SERIAL#	COMMENTS
TAIL ROPE	-	-	4429	50	.6 AND .56 AMPS				New- installed 10/19/95
1	1-4	798	1531	100	.6 AND .56 AMPS				
2	5-8	1029	1486	100	.59 AND .54 AMPS		1	9997	
3	9-12	3237	1593	100	.56 AND .54 AMPS				
4	13-16	3302	1348	100	.57 AND .52 AMPS		2	10027	
5	17-20	3255	1455	100	.56 AND .51 AMPS				
6	21-24	1457	1523	100	.55 AND .50 AMPS		3	9982	
7	25-28	1141	1334	100	.54 AND .50 AMPS				
8	29-32	3278	1246	100	.53 AND .48 AMPS		4	9948	
9	33-36	1254	1176	100	.52 AND .47 AMPS				
10	37-40	803	1244	100	.51 AND .46 AMPS		5	9910	
11	41-44	3114	1460	100	.50 AND .45 AMPS				
12	45-48	1345	9466	100			6	9904	
13	49-52	1248	9450	100			*		
14	53-56	1449	9409	100			7	10065	
15	57-60	3280	9456	100					
16	61-64	1239	9442	100			8	10043	
17	65-68	3046	9453	100					
18	69-72	1046	9140	100			9	9969	
19	73-76	3047	9318	100			*		
20	77-80	3074	9451	100			10	9988	
21	81-84	3265	9376	100					
22	85-88	1276	9407	100			11	10020	
23	89-92	3179	9335	100	.39 AND .34 AMPS				
24	93-96	3150	9109	100	.38 AND .33 AMPS		12	10026	
Conveter	-	-	-	3	.369 AND .32 AMPS				
25	97-100	8233	2021	100	.337 AND .29 AMPS		*		Start Canto Sections
26	101-104	8250	2046	100			13	10004	
27	105-108	8236	2035	100					
28	109-112	8456	2024	100			14	9990	
29	113-116	8407	2011	100					

Page 2



# BATHYTHERMOGRAPH PROFILE

14/11/95

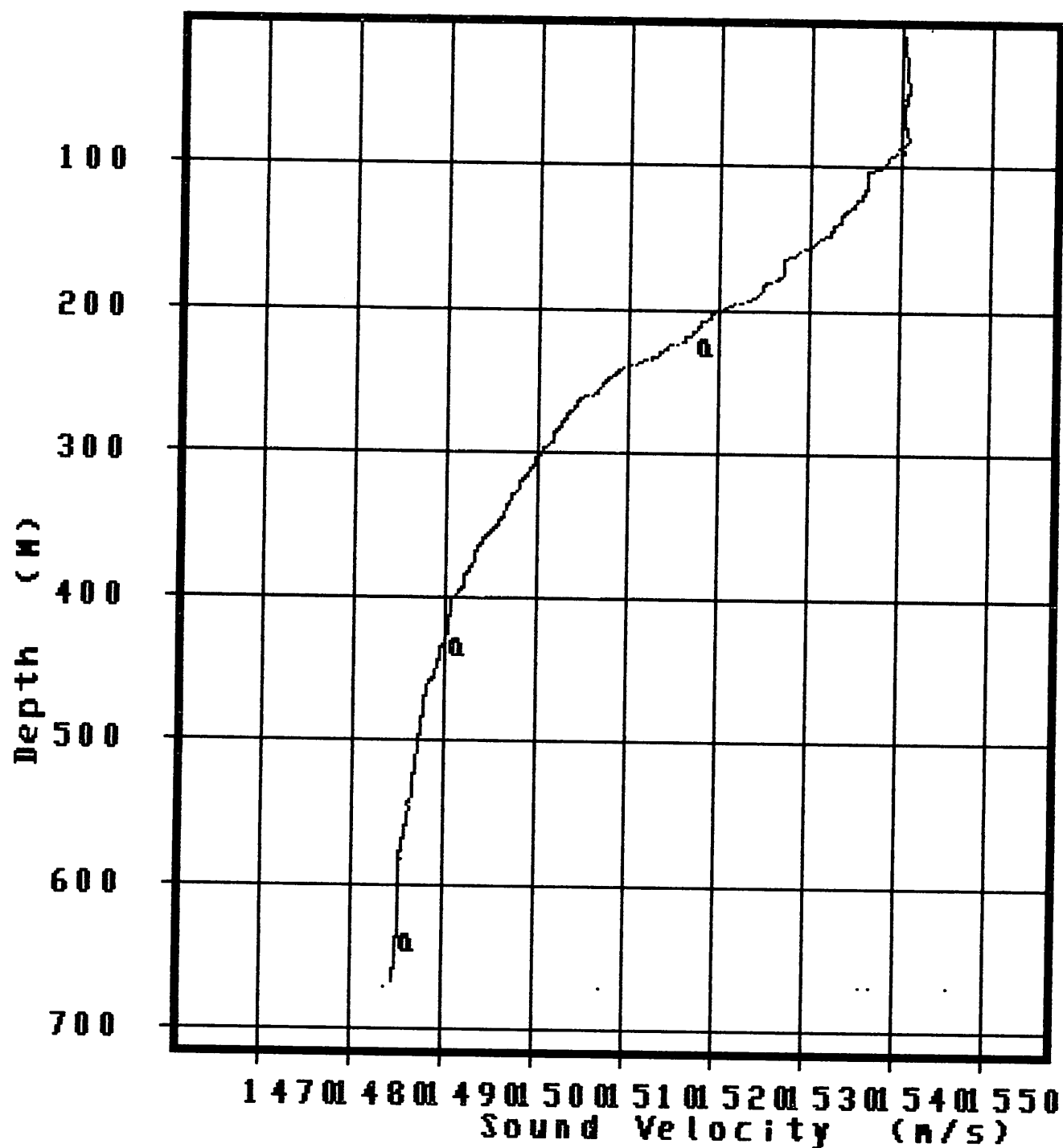
FILE

DATE

TIME

a 951109.xt7

13/11/95 21:28



# BATHYTHERMOGRAPH PROFILE

14/11/95

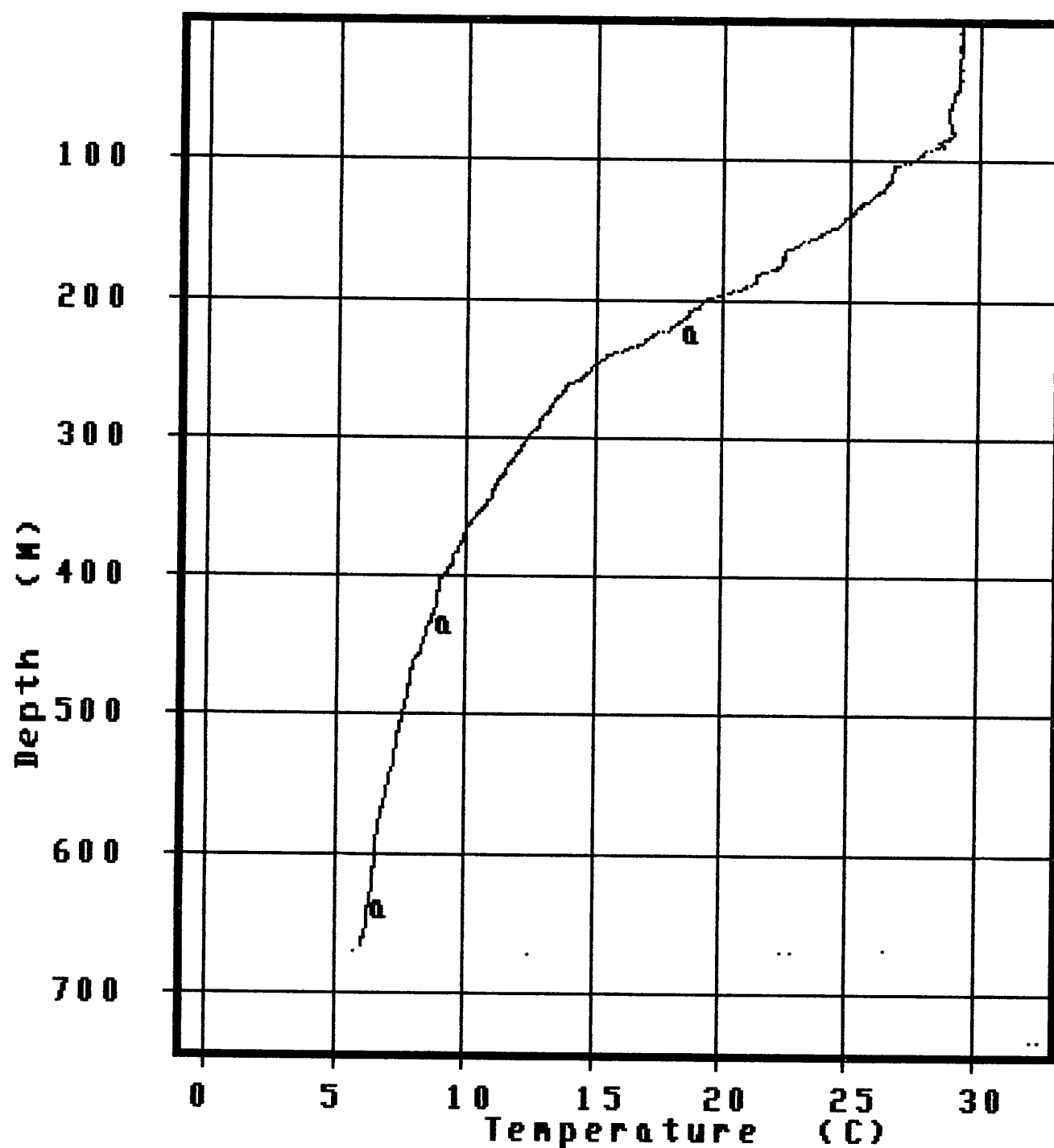
FILE

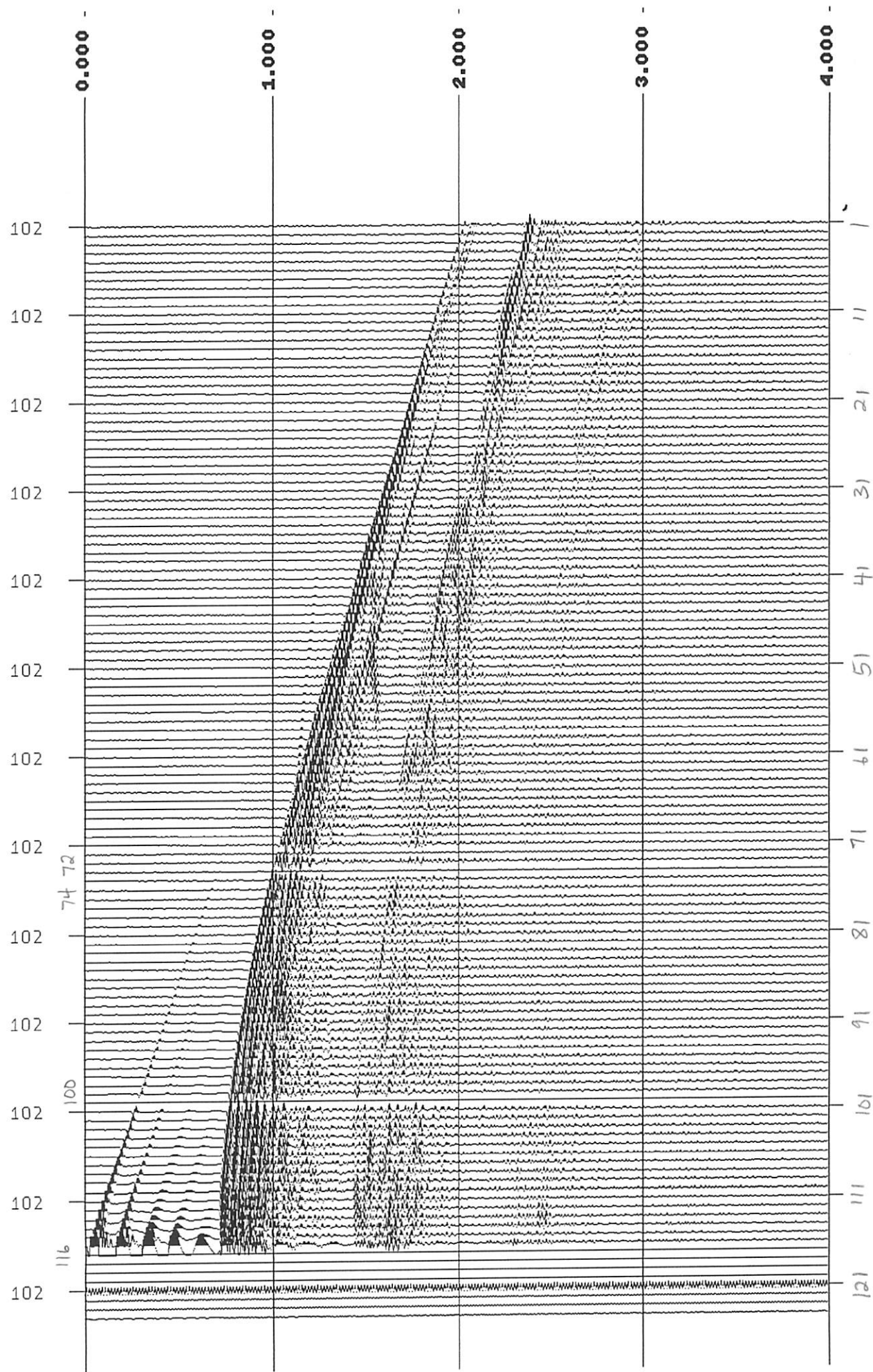
DATE

TIME

a 951109.xt7

13/11/95 21:28





Line 37B TIME ~ 3 am Sun Nov. 12

100

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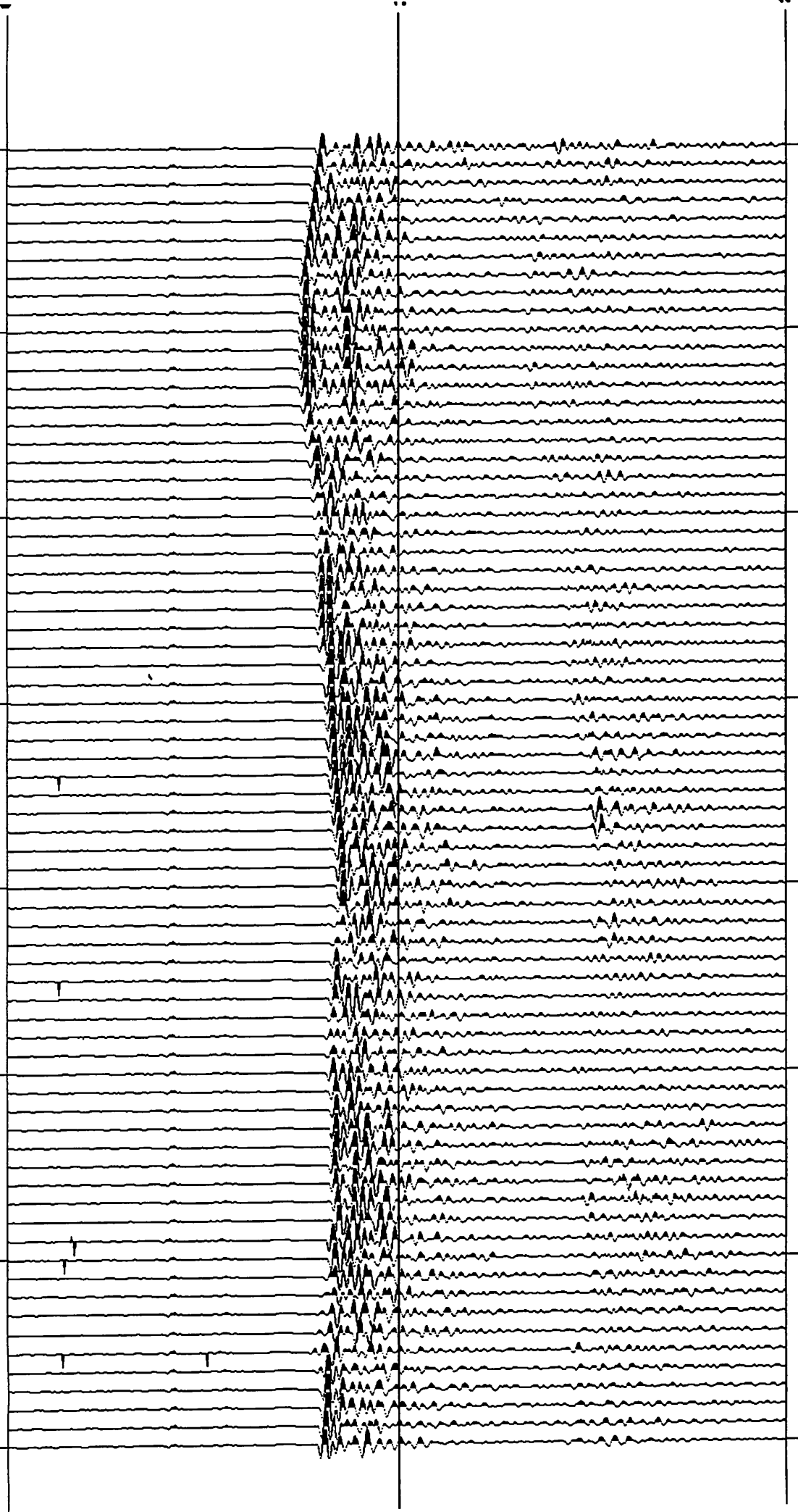
100

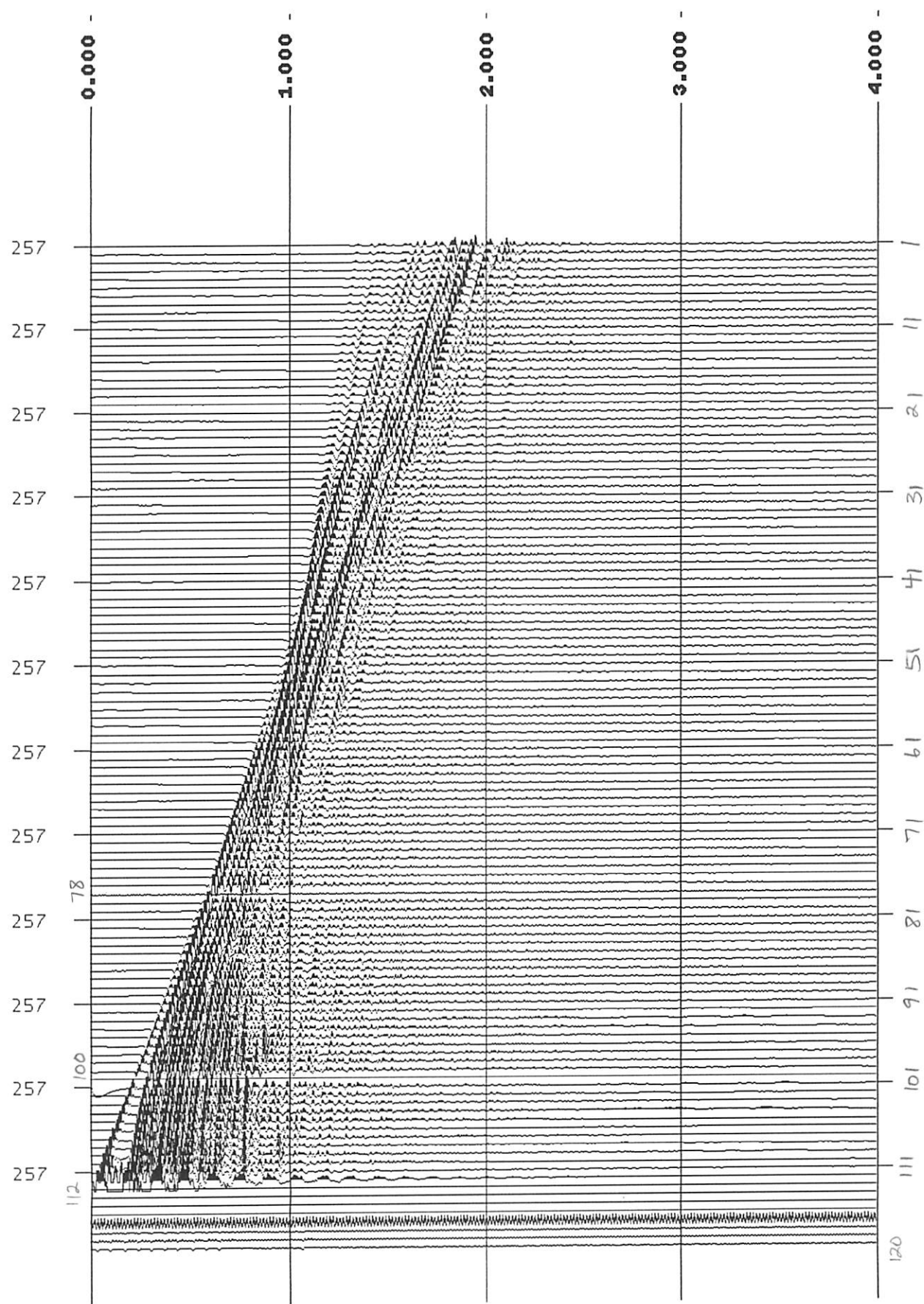
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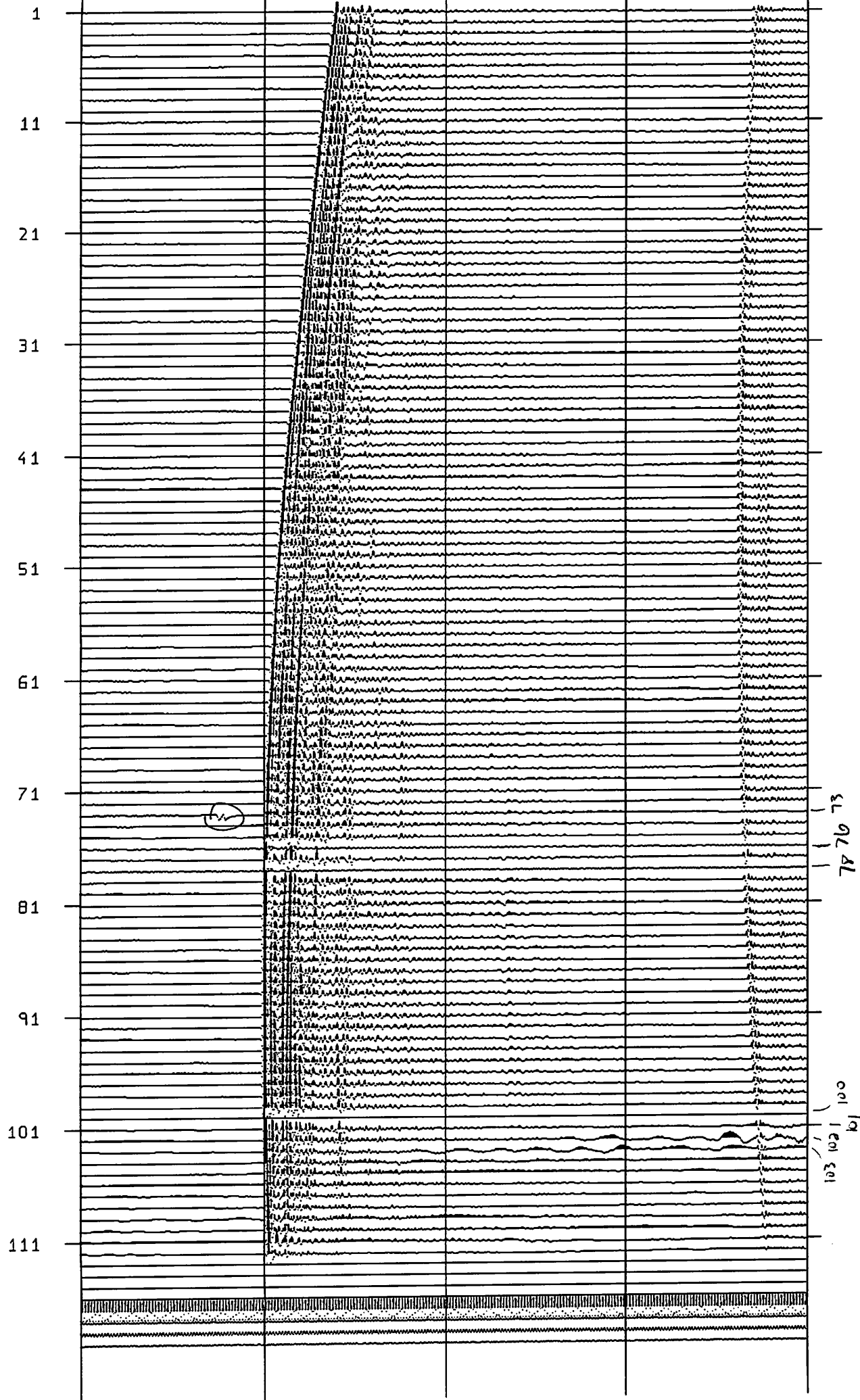
100



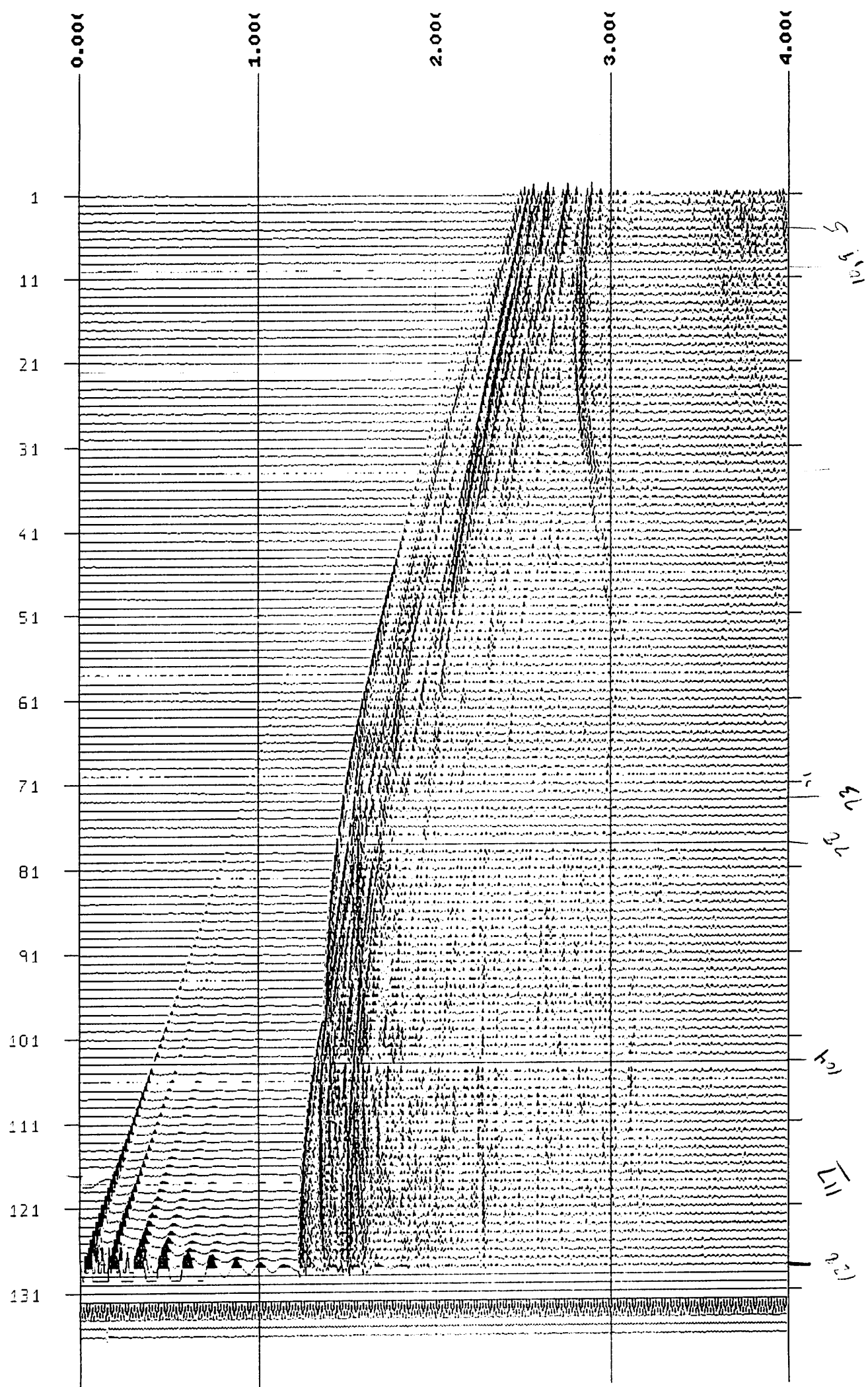


Line 40

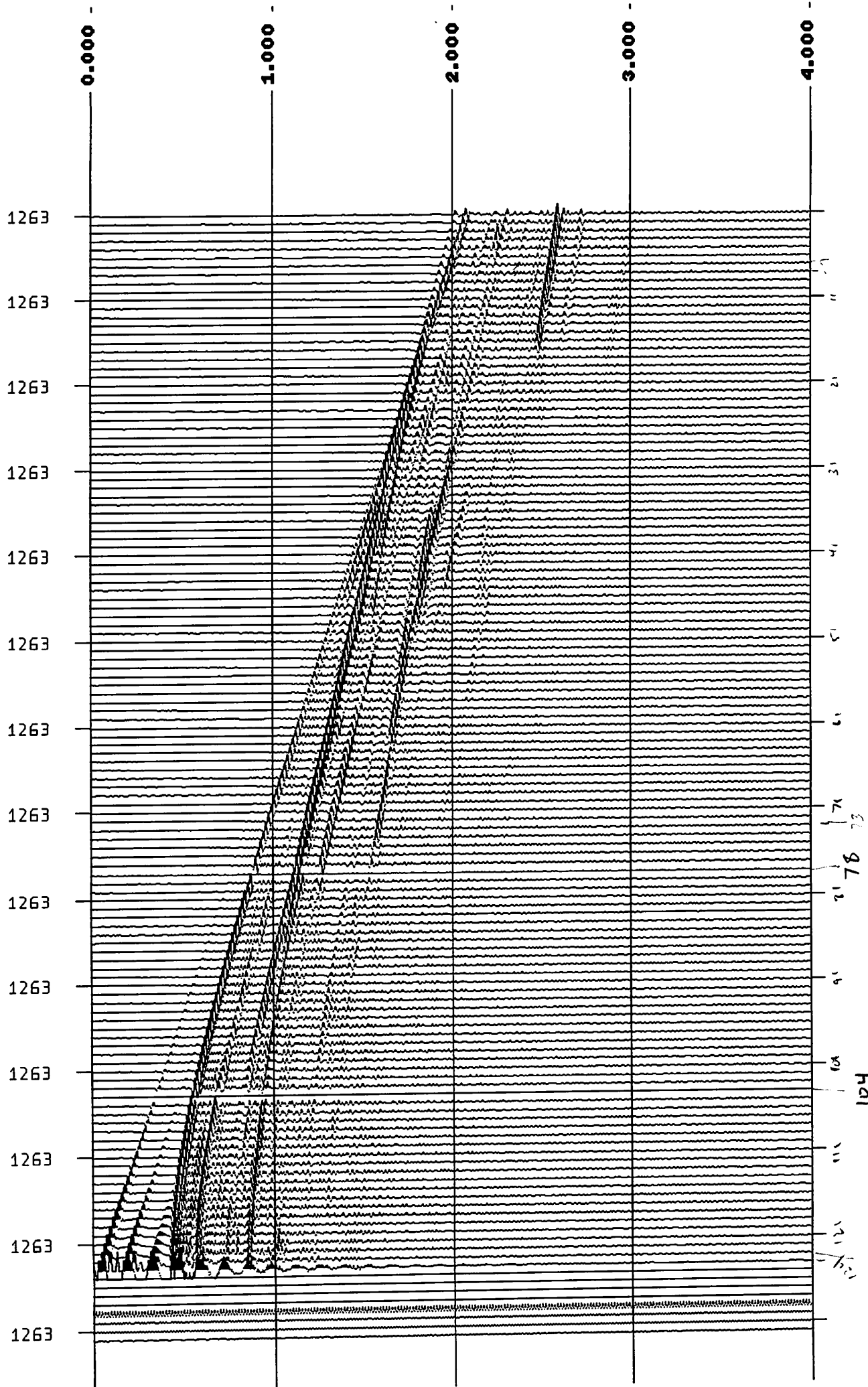
Line 38 Shot 492



Line 21 shot 309







Sht 1263 Line 32

124, 123

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115  
116

3

55 50

variable offset

80

~~87 85~~

spikes

wake

total 115, 87, 85, 80, 55, 50, 3  
31 Oct 95 Line 19