

LINE NIR-22
S.P. 101-617
S.E. 

9229-N10-9E

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

ISLAND RIVER



SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
JAN.-FEB., 1984
O.C. TCS

FIELD RECORDING

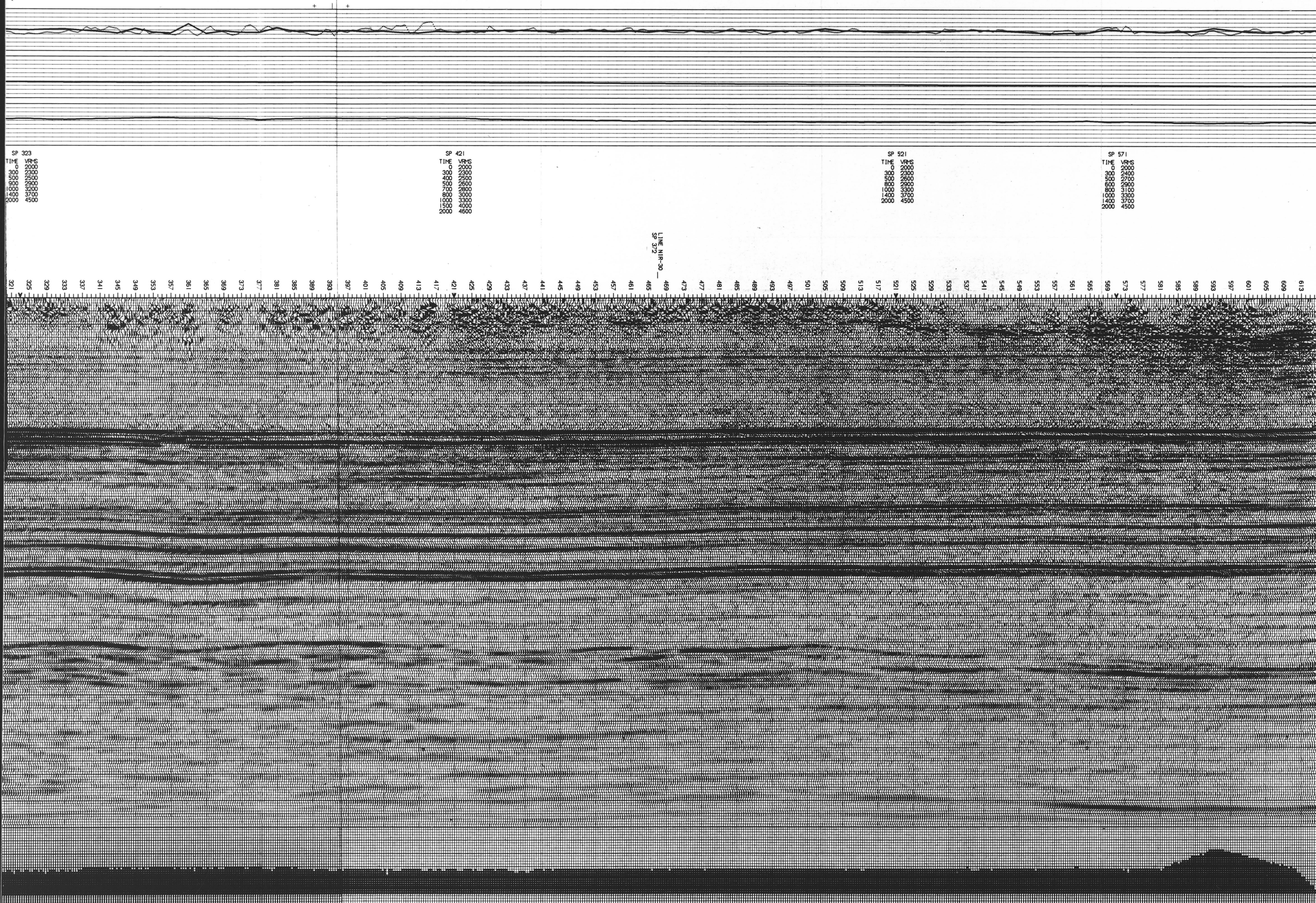
DATE SHOT	JAN.-FEB., 1984
SHOT BY	SEFEL GEOPHYSICAL LTD.
SOURCE TYPE	PARTY NO. 501
SOURCE PATTERN	DYNAMITE
CHARGE SIZE	SINGLE HOLE
GEOPHONE TYPE	2 KG AT 12 M
GEOPHONE PATTERN	MARK-10 HZ
INSTRUMENTS	9 AT 3 M INTERVALS
FORMAT	MS-10 96 TRACES
RECORDING FILTER	SEG8
RECORD LENGTH	12/18 - 125/72 HZ
SAMPLE INTERVAL	3 SEC
GROUP INTERVAL	2 MS
SHOT POINT INTERVAL	25 M
SPREAD GEOMETRY	100 M
	1200-25-X-25-1200

DIGITAL PROCESSING

1 DEMULTIPLEX WITH GAIN REMOVAL	
2 PROCESSING SAMPLE RATE	2 MS
3 INSTRUMENT PHASE COMPENSATION	
4 GEOPHONE PHASE COMPENSATION	
5 CDP TRACE GATHERS	1200 PERCENT
6 AUTOMATIC GAIN CURVE APPLICATION	
7 SPKING DECONVOLUTION	
8 OPERATOR DESIGN WINDOW	
9 MIN OFFSET	300-1300 MS
10 MAX OFFSET	800-1800 MS
11 OPERATOR LENGTH	60 MS
12 PREWHITENING	1 PERCENT
13 HEATHERING STATICS	
14 DATUM ELEVATION	700 M ASL
15 DATUM VELOCITY	2750 M/SEC
16 HEATHERING VELOCITY	610 M/SEC
17 VELOCITY ANALYSIS	
18 NMO	
19 AUTOMATIC RESIDUAL STATICS	
20 MAX CORRELATION LAG	+-30 MS
21 WINDOW	400-1100 MS
22 COMMON OFFSET STACK	
23 RESIDUAL NMO	
24 MUTE	
25 STACK	1200 PERCENT
26 HAVE EQUATION MIGRATION	
27 BANDPASS FILTER	8/16 - 100/120 HZ
28 EQUALIZATION	
29 WINDOW	400-1400 MS
30 FILM DISPLAY	16 TRACES/IN
	7.5 INCHES/SEC

NORMAL POLARITY (POSITIVE VALUE PEAK)

PROCESSING PARAMETERS SELECTED BY
EMPRESS EXPLORATION CONSULTANTS





2080 Watkney Rd. Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9571
Cable: TERRA

PROJ. NO.

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LINE NO.

N 1

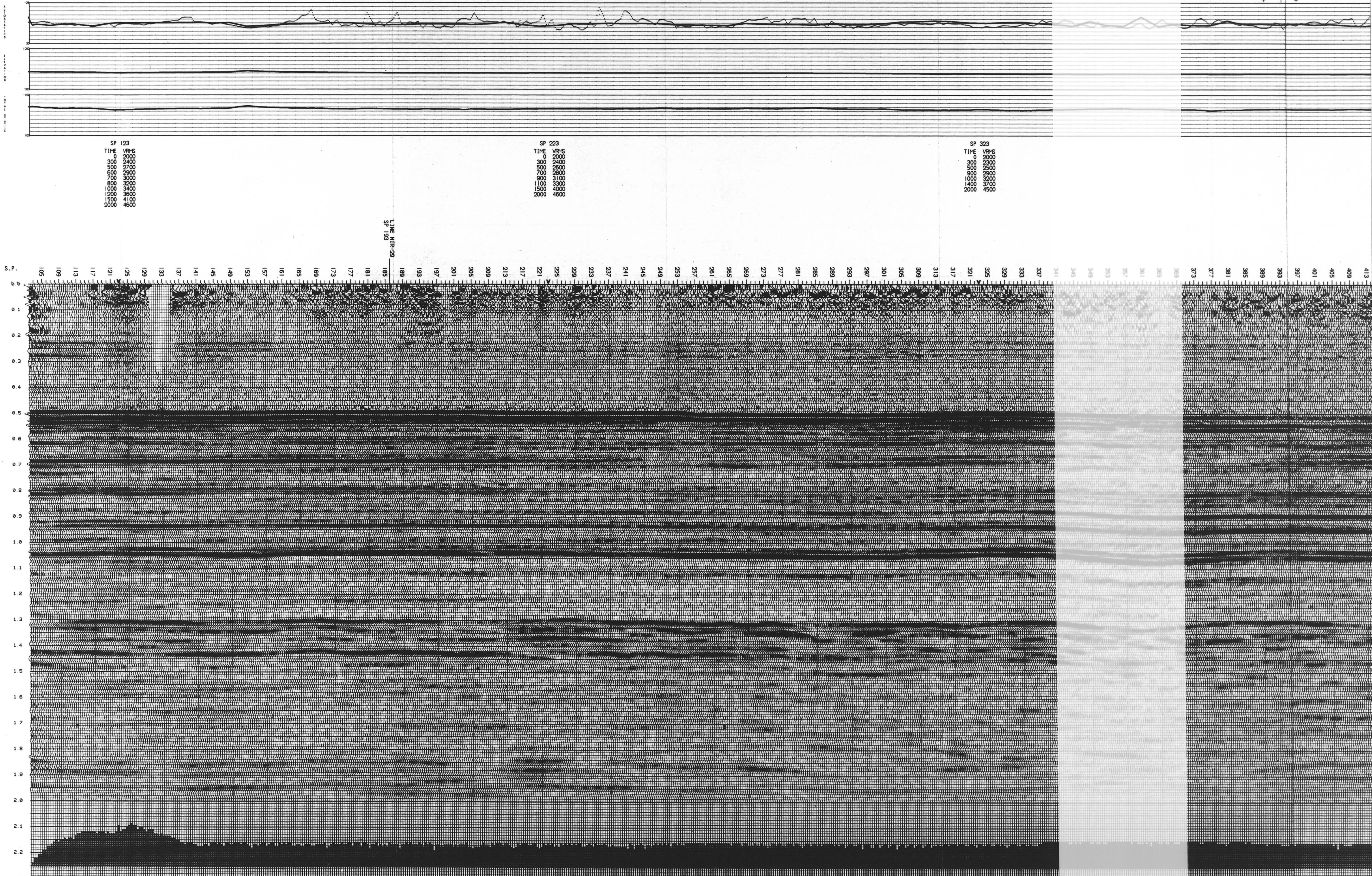
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PART NO. 2

OF 2

R.R. 8X



SP 323
TIME VR-S
0 2000
300 2400
500 2700
700 3000
900 3300
1100 3600
1300 3900
1500 4200
1700 4500

SP 223
TIME VR-S
0 2000
300 2400
500 2700
700 3000
900 3300
1100 3600
1300 3900
1500 4200
1700 4500

SP 123
TIME VR-S
0 2000
300 2400
500 2700
700 3000
900 3300
1100 3600
1300 3900
1500 4200
1700 4500