

PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.
REVERSE POLARITY
AREA: LITTLE BEAR
LINE: 112
LOCATION: N.W.T.
SW SHOT POINTS 101 NE

FIELD RECORDING

DATE: MARCH 1993
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFB-U SAMPLE RATE 2 NS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 128 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 1200% SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

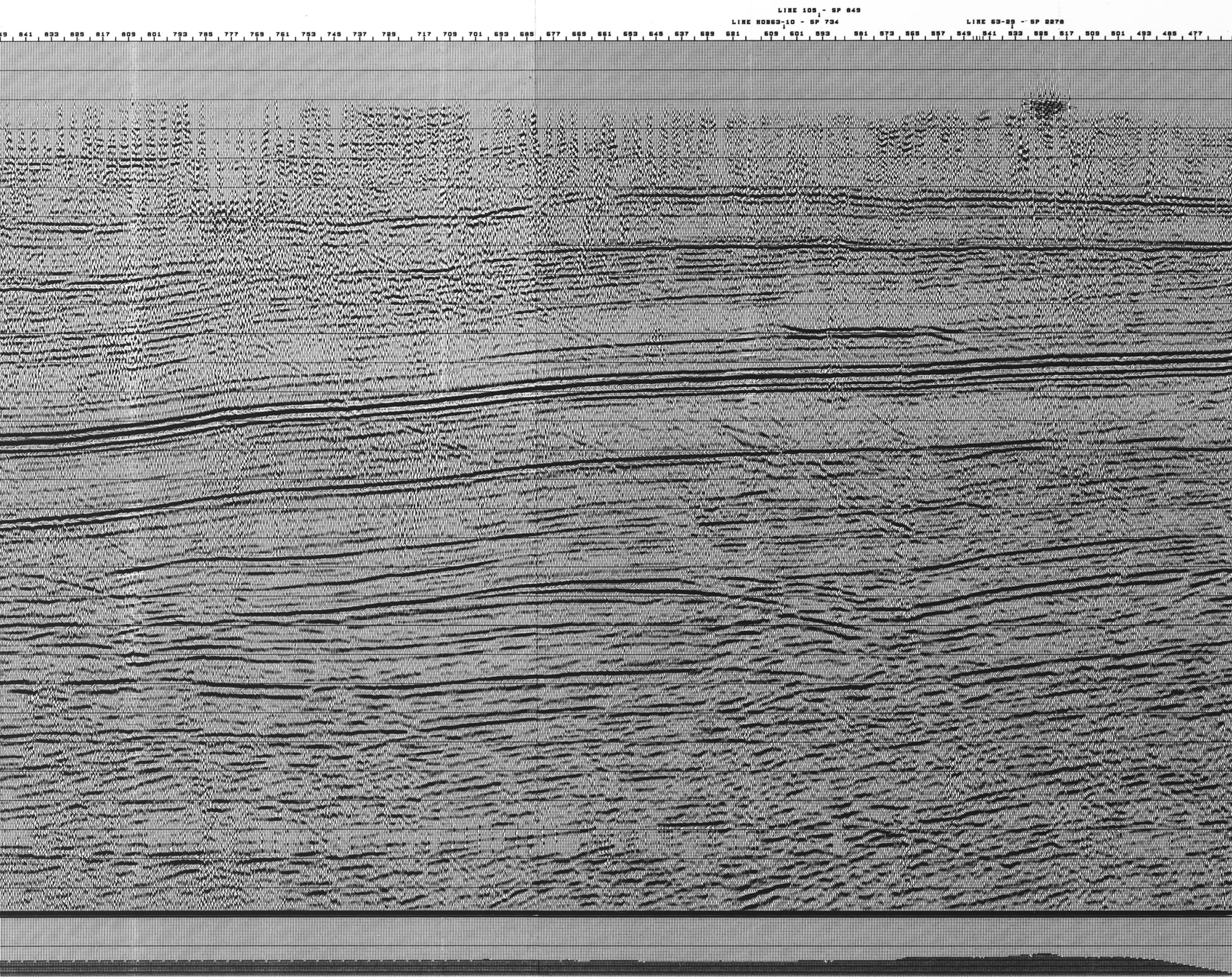
STRUCTURAL DATUM 500 M
REPLACEMENT VELOCITY 3040 M/SEC

PROCESSING PARAMETERS

1. DEMULTIPLY SAMPLE RATE 4 NS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 800 - 2200 NS.
OPERATOR LENGTH: 72 NS.
PRE-WHITENING: 5 %
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TIM/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. NMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 500 - 2000 NS.
11. FIRST BREAK MUTE
TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 1200%
8-1050 NS., 20/26-70/25
1250-3000 NS., 16/23-65/75
13. FILTER
14. TRACE EQUALIZATION
15. FILM DISPLAY 24 TR/IN 7.5 IN/SEC

9 2 2 9 - N 9 - 3 E

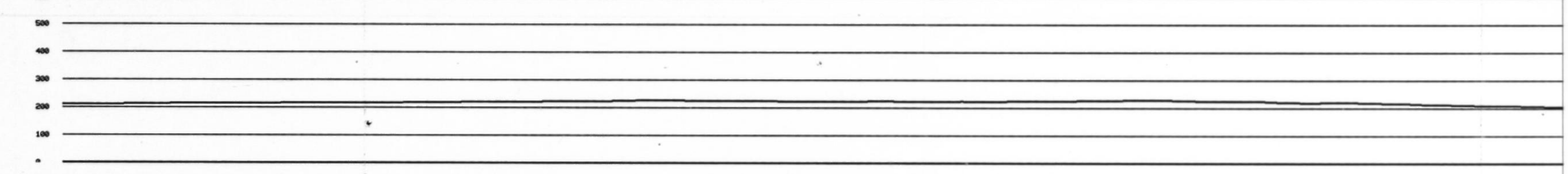
VARIATION IN METRES



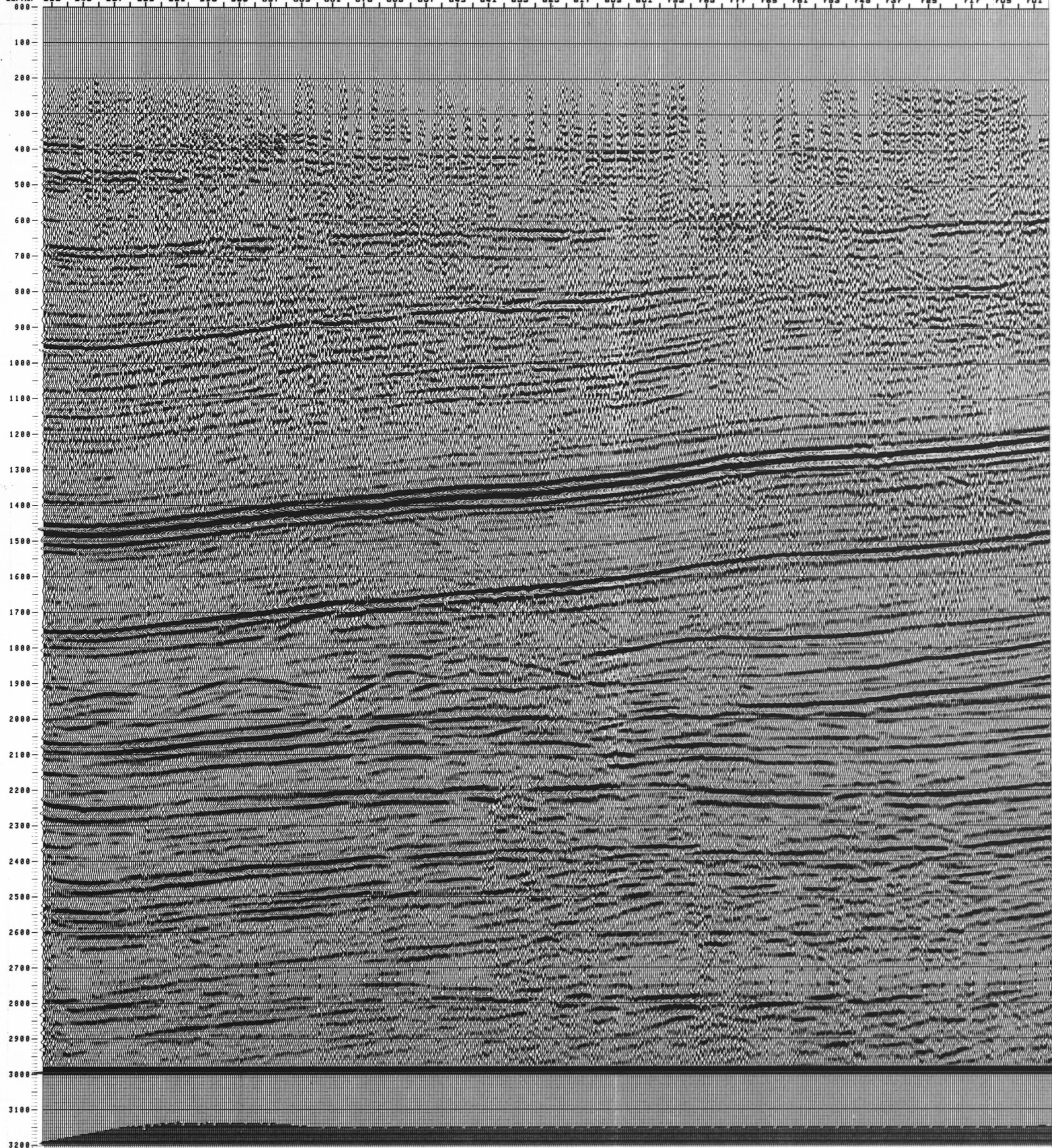


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ELEVATION IN METRES



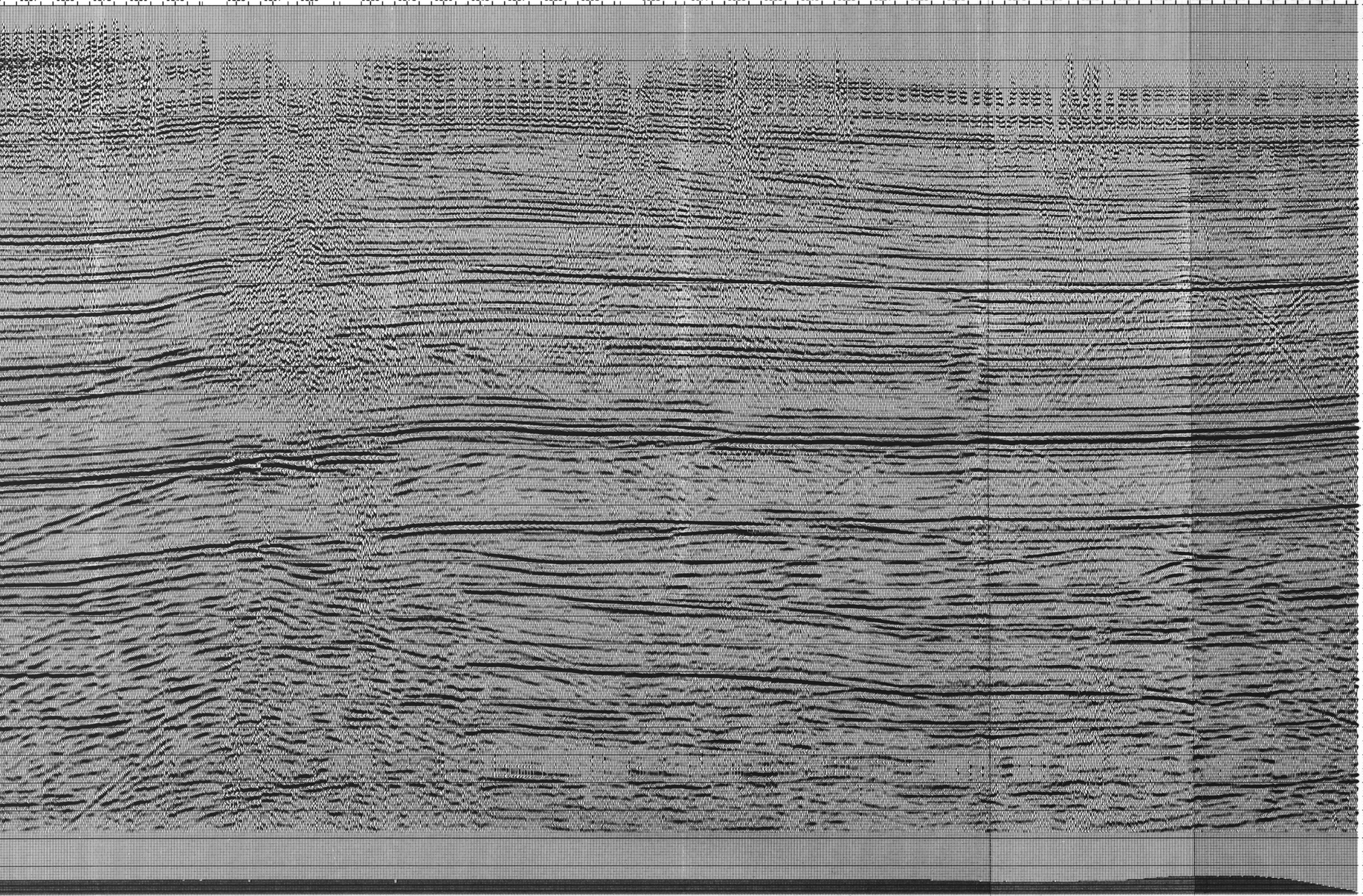
LINE 119 - SP 101

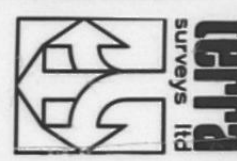


SECTION IN METRES

LINE 118 - SP 1045

LINE 117 - SP 831





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PROJ. NO. 9 2 2 9

N 9 - 3 E

LINE NO. 1 1 2

PART NO. 3 OF 3

R.R. 10X

