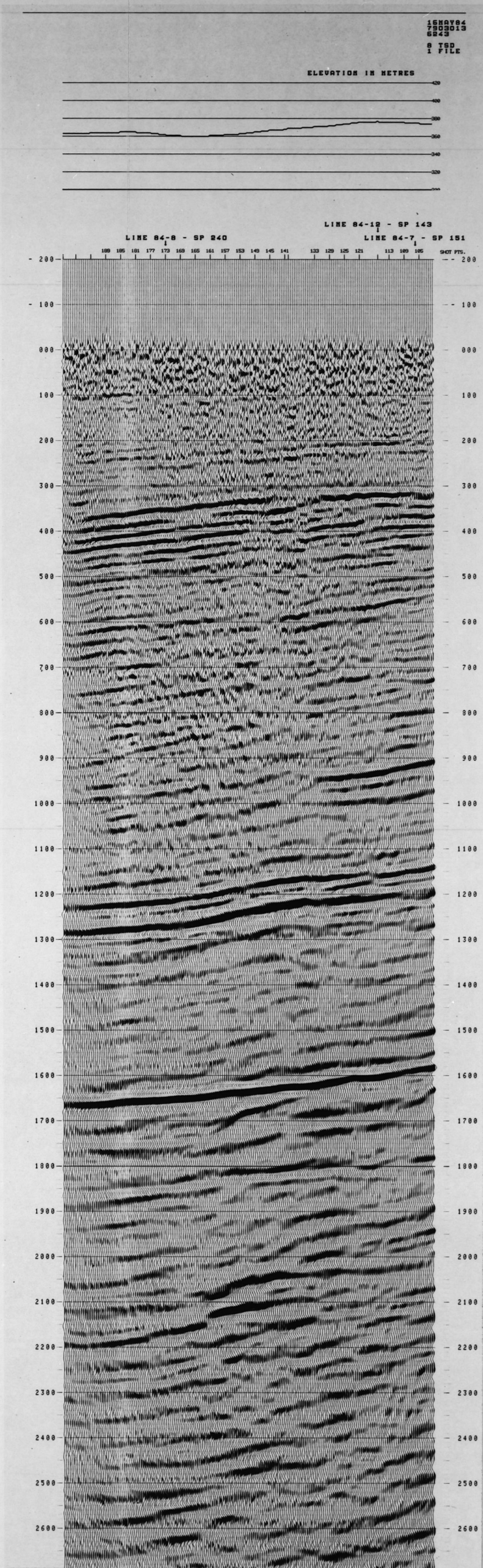




9229 - N9 - 4 6

NSM RESOURCES LTD.

PROCESSED AT
 PETREL CONSULTANTS LTD
 NORMAL POLARITY
 AREA: ARROWHEAD
 LINE: 84-13
 LOCATION: N.W.T.
 SW 201 SHOT POINTS 101 NE

FIELD RECORDING

DATE: MARCH 1984
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYHANITE 2 KG. AT 10 M
RECORDER TYPE: DFG-V SAMPLE RATE 2 HZ
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 0 - 120 HZ NOTCH: OUT
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK L20 14 HZ
COVERAGE 1200K SHOT INT. 132 H GROUP INT. 33 H
1504 - 33 X 33 - 1504

COMPUTATIONS

STRUCTURAL DATUM	305 M
REPLACEMENT VELOCITY	2440 M/SEC

PROCESSING PARAMETERS

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DATE: MAY 1984
1. DEMULTIPLYX
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION

TYPE: SCALING
GATE: 500 - 2500 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 2 %
WELL TOT
ELEV/TUN/DRIFT

5. RMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RMO
10. AUTOMATIC RESIDUAL STATICS

GATE: 300 - 1000 MS.
TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 250 DIST. 203
TIME 600 DIST. 660
TIME 1200 DIST. 1504
TIME 1700 DIST. 2376

12. STACK 1200%
13. FILTER 12/16 - 85/100
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION 30 % OF RMS
16. FILM DISPLAY 24 TR/IN 10 IN/SEC

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TIME	VELOCITY
4	2100
200	2350
400	2600
600	2950
900	3100
1100	3500
1600	3675
3600	4200
5000	4650