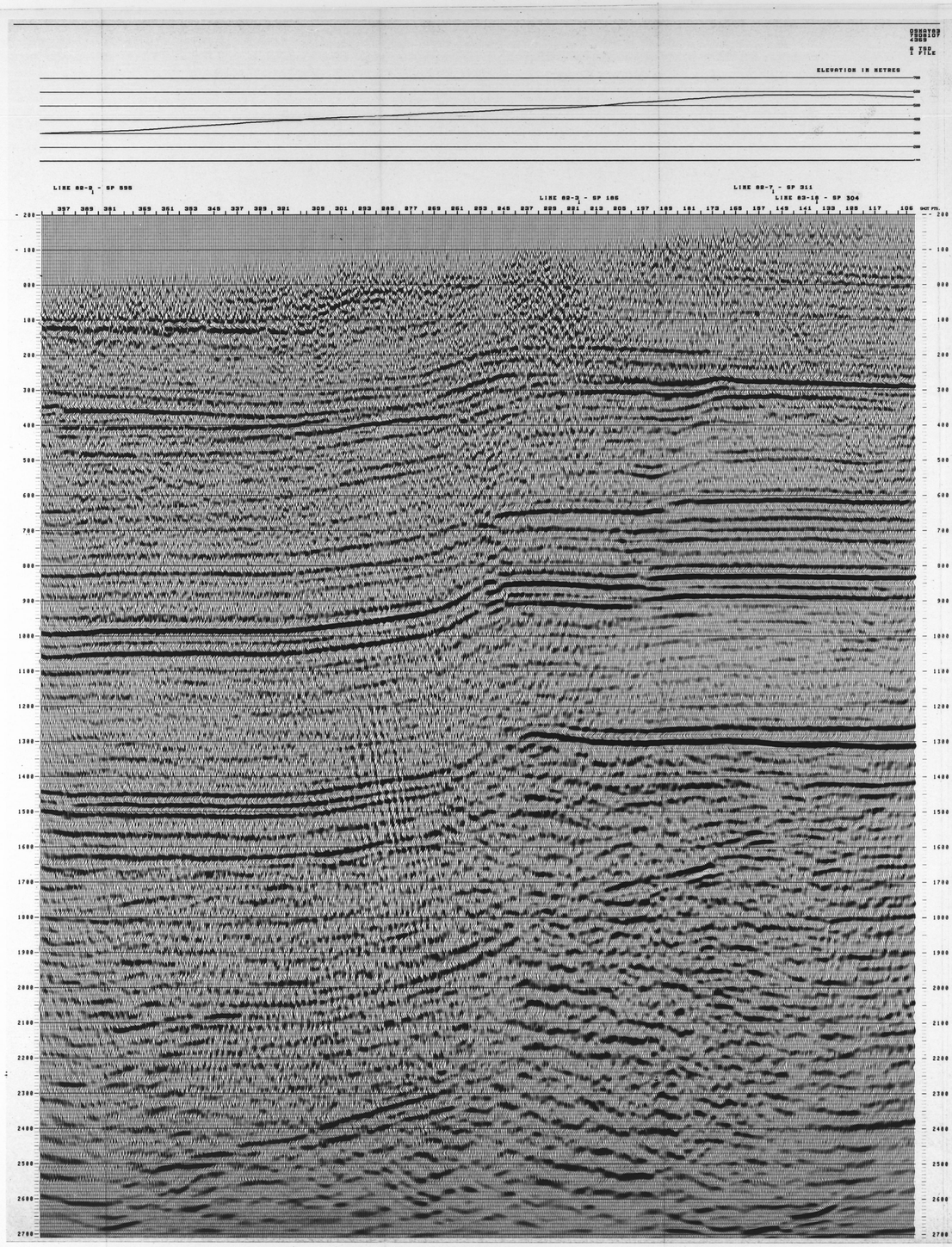

9229-N9-2E

NSM RESOURCES LTD.

PROCESSED AT

PETREL CONSULTANTS LTD.

NORMAL POLARITY

AREA: ARROWHEAD
LINE: 83-7
LOCATION: N.W.T.
W 405 SHOT POINTS 101 E

FIELD RECORDING

DATE: JAN. 1983
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 1 HOLE AT 18.3 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 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 305 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: APRIL 1983
1. DEMULTIPLEX SAMPLE RATE 4 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 500 - 2500 MS.
OPERATOR LENGTH: 80 MS.
PRE-WHITENING: 3 %
5. NMO WELL TOT
6. STATIC CORRECTIONS ELEV/TUN/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 620 - 2200 MS.
11. FIRST BREAK MUTE TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 302
TIME 1300 DIST. 1600
TIME 2400 DIST. 3216
12. STACK 1200%
13. FILTER 12/16 - 85/100
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
90% OF RMS VELOCITIES
16. FILM DISPLAY 24 TR/IN 10 IN/SEC

TIME	VELOCITY
4	2100
200	2350
400	2600
600	2950
800	3300
1100	3500
1600	3875
3600	4200
5000	4650

TERRA SURVEYS INC.
2060 Walkley Rd.
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Tel. (613) 731-9571
Telex 053-3602
Cable: TERRA

PROJ. NO. 9229 N9 2E
LINE NO. 83-7
PART NO. 1 OF 1
R.R. 10X