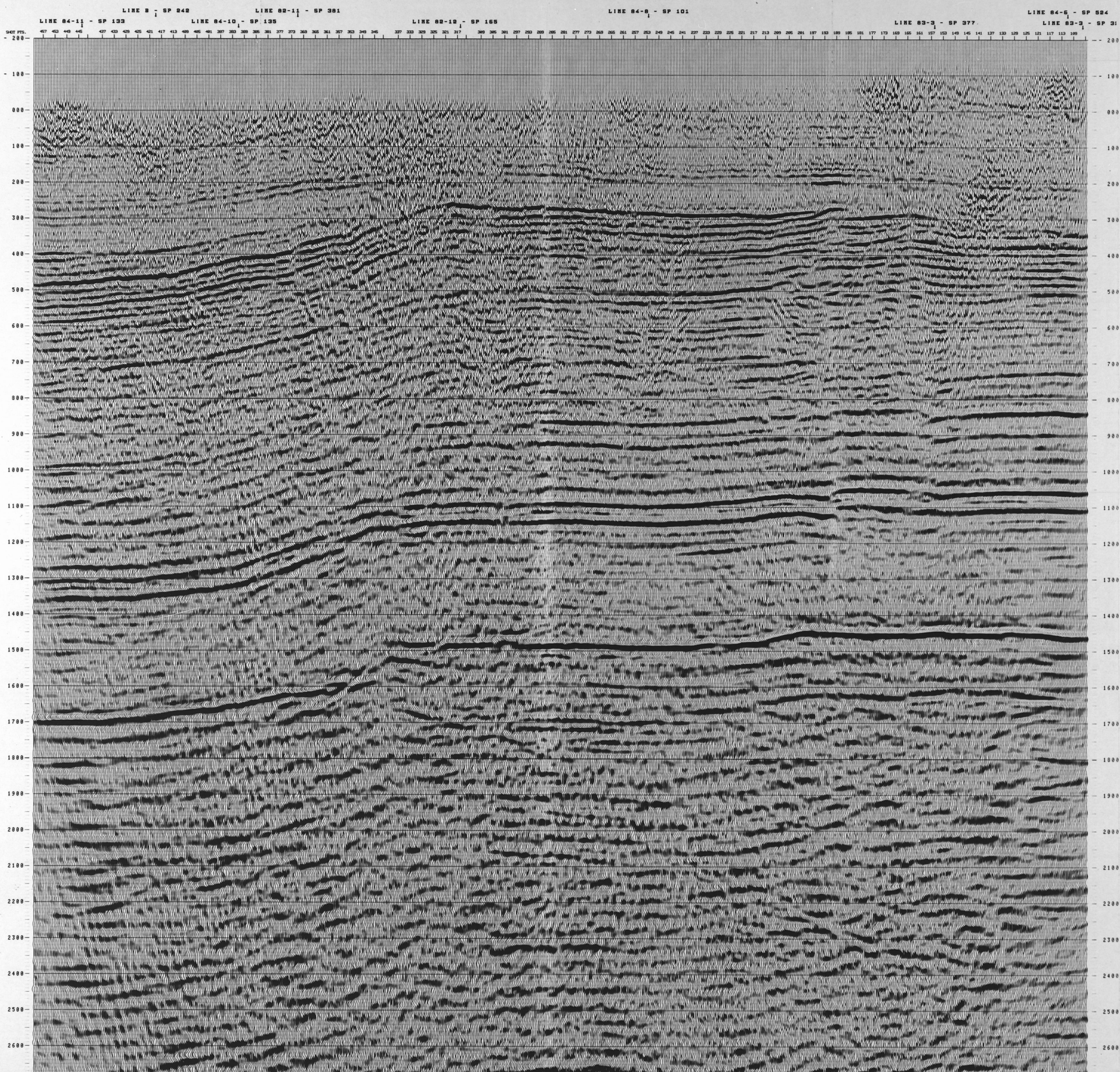


1800003
TSD
FILE1

ELEVATION IN METRES



0229 - N0 - 4E

NSM RESOURCES LTD.

PROCESSED AT
PETREL CONSULTANTS LTD.
NORMAL POLARITY

AREA: ARROWHEAD
LINE: 84-3
LOCATION: N.W.T.
SW 461 SHOT POINTS 109 NE

FIELD RECORDING

DATE: MARCH 1984
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 2 KG. AT 10 M
RECORDER TYPE: DFS-U SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 120 HZ NOTCH: OUT
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK L20 14 HZ
COVERAGE 1200% SHOT INT. 132 M GROUP INT. 33 M
1504 - 33 X 33 - 1504

COMPUTATIONS

STRUCTURAL DATUM 305 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1984
1. DEMULTIPLY SAMPLE RATE 2 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
DATE: 500 - 2500 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 2 %
5. NMO WELL TOT
6. STATIC CORRECTIONS ELEV/TOR/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
DATE: 300 - 1800 MS.
11. FIRST BREAK MUTE TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 202
TIME 600 DIST. 660
TIME 1200 DIST. 1504
TIME 1700 DIST. 2376
12. STACK 1200%
13. FILTER 12/16 - 05/100
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION 90 % OF RMS
16. FILM DISPLAY 24 TR/IN 10 IN/SEC

TIME	VELOCITY
4	2100
200	2200
400	2300
600	2400
800	2500
1000	2600
1200	2700
1400	2800
1600	2900
1800	3000