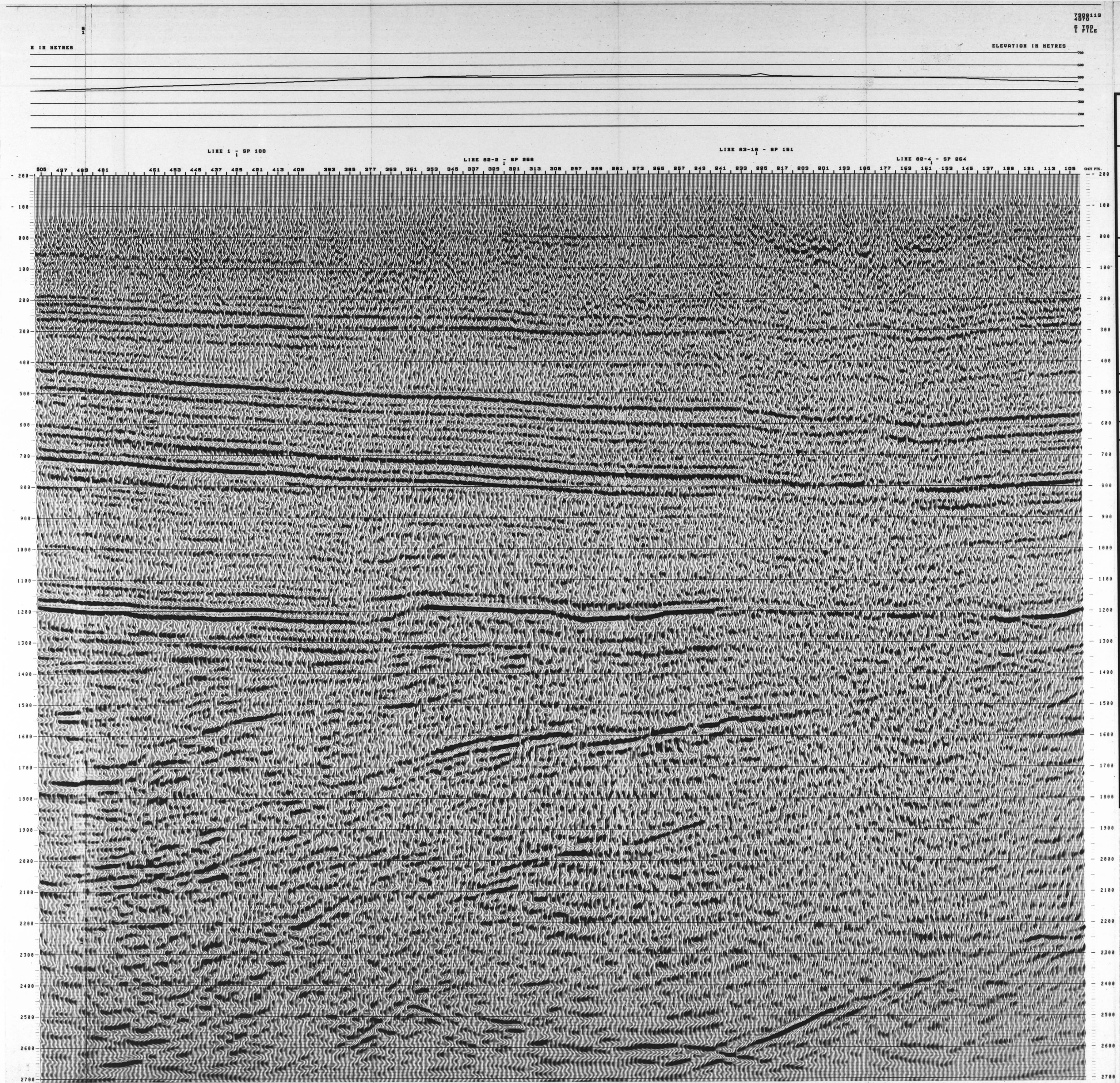




9229-N9-2L

NSM RESOURCES LTD.

PROCESSED AT
PETREL CONSULTANTS LTD.
NORMAL POLARITY
AREA: ARROWHEAD
LINE: 83-13
LOCATION: N.W.T.
NW 508 SHOT POINTS 101 SE

FIELD RECORDING

DATE: JAN. 1983
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 1 HOLE AT 18.3 M
RECORDER TYPE: DFG-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 12000 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. DEMULTIPLY
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
5. NMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RMO
10. AUTOMATIC RESIDUAL STATICS
11. FIRST BREAK RUTE
12. STACK 12000
13. FILTER
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
16. FILM DISPLAY

SAMPLE RATE 4 MS.
TYPE: SPIKING
GATE: 500 - 2500 MS.
OPERATOR LENGTH: 80 MS.
PRE-WHITENING: 3 %
WELL TOT
ELEV/TOP/DRIFT
GATE: 620 - 2200 MS.
TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 302
TIME 1300 DIST. 1600
TIME 2400 DIST. 3216
12/16 - 85/100
90% OF RMS VELOCITIES
24 TR/IN 10 IN/SEC

TIME	VELOCITY
4	2100
200	2350
400	2500
600	2650
800	2800
1000	2950
1200	3100
1400	3250
1600	3400
1800	3550
2000	3700
2200	3850
2400	4000
2600	4150
2800	4300