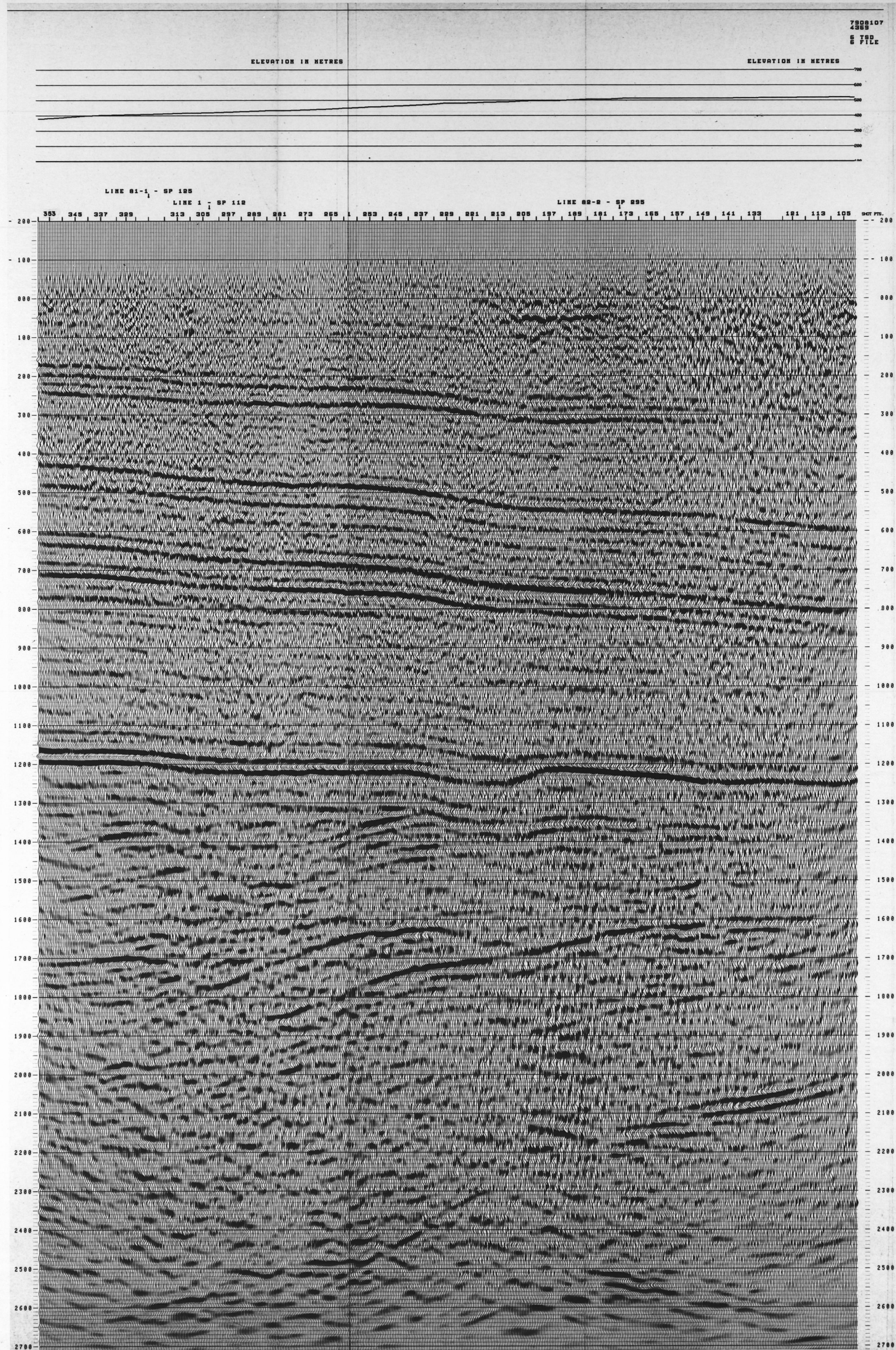




NSM RESOURCES LTD.

PROCESSED AT
PETREL CONSULTANTS LTD.
NORMAL POLARITY

AREA: ARROWHEAD
LINE: 83-12
LOCATION: N.W.T.
NW 357 SHOT POINTS 101 SE

FIELD RECORDING

DATE: JAN. 1983
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 1 HOLE AT 10.3 M
RECORDER TYPE: DFG-U SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 120 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 1200S SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM 385 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: APRIL 1983
1. DEMULTIPLY 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 %
WELL TOT.
5. NMO
6. STATIC CORRECTIONS ELEV/TOP/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RMS
10. AUTOMATIC RESIDUAL STATICS
GATE: 620 - 2200 MS.
11. FIRST BREAK MUTE
TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 280 DIST. 302
TIME 1300 DIST. 1600
TIME 2400 DIST. 3216
12. STACK 1200S
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	2200
400	2300
600	2400
800	2500
1000	2600
1200	2700
1400	2800
1600	2900
1800	3000
2000	3100