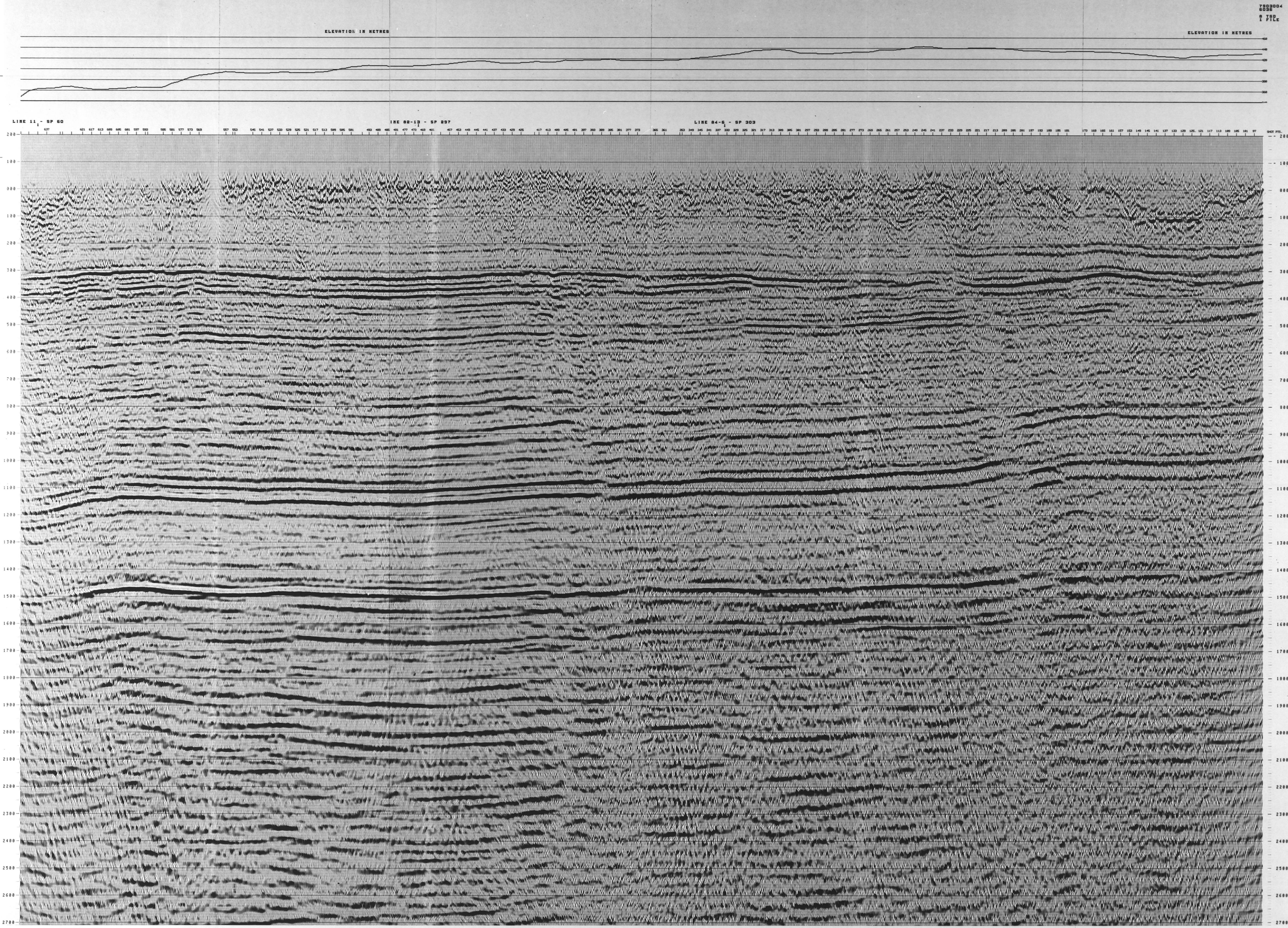




9229 - N9 - 4 E

NSM RESOURCES LTD.

PROCESSED AT
PETREL CONSULTANTS LTD.
NORMAL POLARITY
AREA: ARROWHEAD
LINE: 84-4
LOCATION: N.W.T.
SW 649 SHOT POINTS 93 NE

FIELD RECORDING

DATE: MARCH 1984
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 2 KG. AT 10 M
REORDER TYPE: DFS-U SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 128 HZ NOTCH: OUT
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: BARK L20 14 HZ
COVERAGE 1200S SHOT INT. 132 M GROUP INT. 33 M
1584 - 33 X 33 - 1584

COMPUTATIONS

STRUCTURAL DATUM 385 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1984
1. DEMULTIPLIER SAMPLE RATE 2 MS.
2. TRACE CATCHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 500 - 2500 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 2 %
5. NMO WELL TOT
6. STATIC CORRECTIONS ELEV/TOP/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
11. FIRST BREAK MUTE GATE: 300 - 1800 MS.
TIME 0 DIST. 101
TIME 150 DIST. 124
TIME 200 DIST. 302
TIME 600 DIST. 660
TIME 1200 DIST. 1504
TIME 1700 DIST. 2376
12. STACK 1200S
13. FILTER 12/16 - 85/100
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
2000	3100
2200	3200
2400	3300
2600	3400
2800	3500