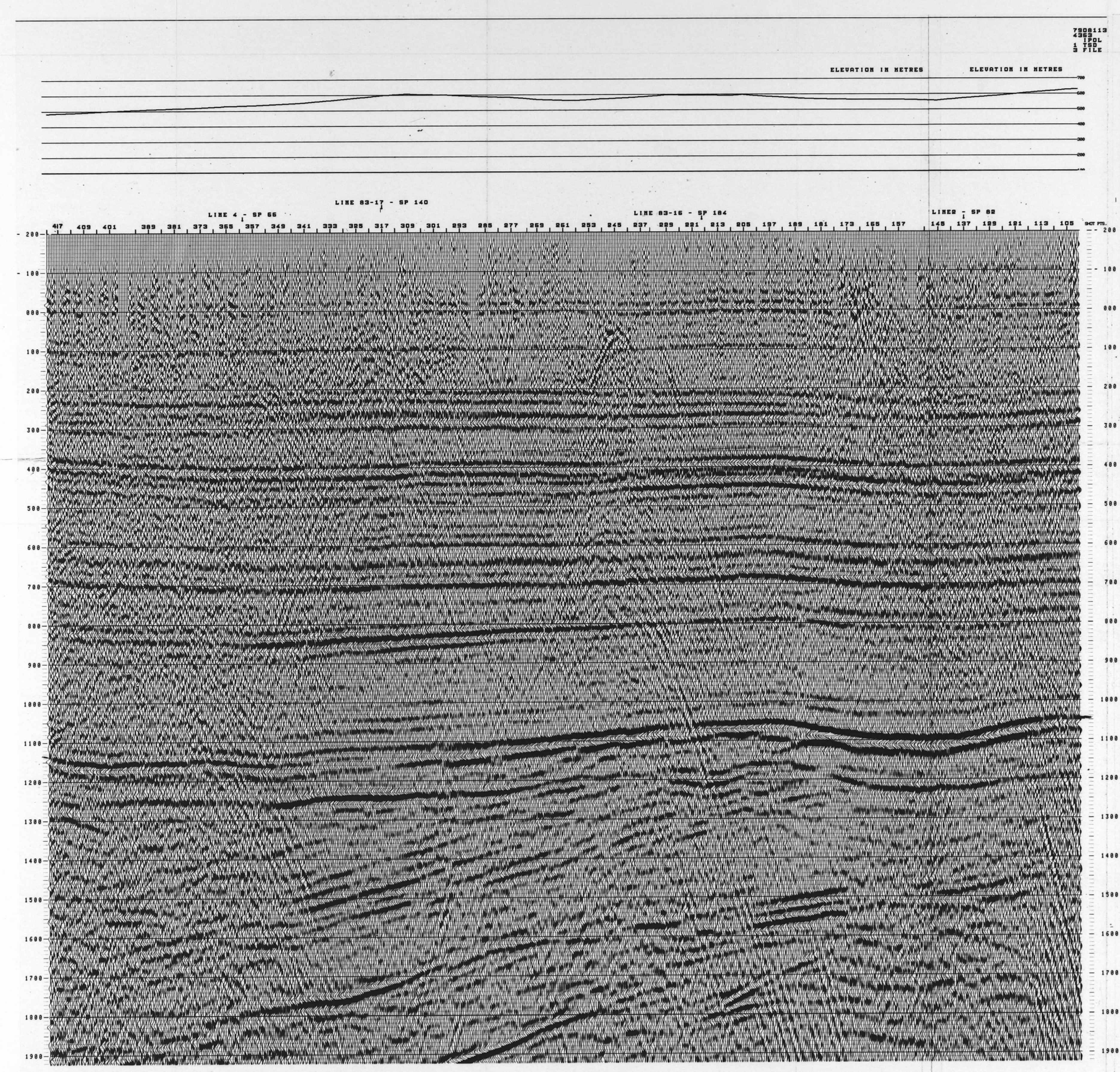




PETREL CONSULTANTS LTD.
NSM RESOURCES LTD.

CONVENTIONAL STACK
 REVERSE POLARITY

AREA: ARROWHEAD
 LINE: 83-15
 LOCATION: N.W.T.
 NW 421 SHOT POINTS 101 SE

FIELD RECORDING

DATE: JAN. 1993
 RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
 ENERGY SOURCE: DYNAMITE 1 HOLE AT 18.3 M
 RECORDER TYPE: DFG-V SAMPLE RATE 2 NS.
 GAIN CONTROL: FLOATING POINT
 FIELD FILTER: 8 - 120 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: 395 M
 REPLACEMENT VELOCITY: 2440 M/SEC

PROCESSING PARAMETERS

DATE: APRIL 1993
 1. DEMULTIPLY SAMPLE RATE 4 NS.
 2. TRACE GATHER
 3. AMPLITUDE RECOVERY
 4. DECONVOLUTION TYPE: SPEKING
 GATE: 500 - 2500 NS.
 OPERATOR LENGTH: 80 NS.
 PRE-WHITENING: 3 %
 5. NMO WELL TOT
 6. STATIC CORRECTIONS ELEV/TUN/DRIFT
 7. BRUTE STACK
 8. COMMON OFFSET STACK
 9. NMO
 10. AUTOMATIC RESIDUAL STATICS
 GATE: 620 - 2200 NS.
 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 12000'
 13. FILTER 12/16 - 85/100
 14. TRACE EQUALIZATION
 15. FILM DISPLAY 24 TR/IN 10 IN/SEC

TIME	VELOCITY
0	2100
200	2150
400	2200
600	2250
800	2300
1000	2350
1200	2400
1400	2450
1600	2500
1800	2550