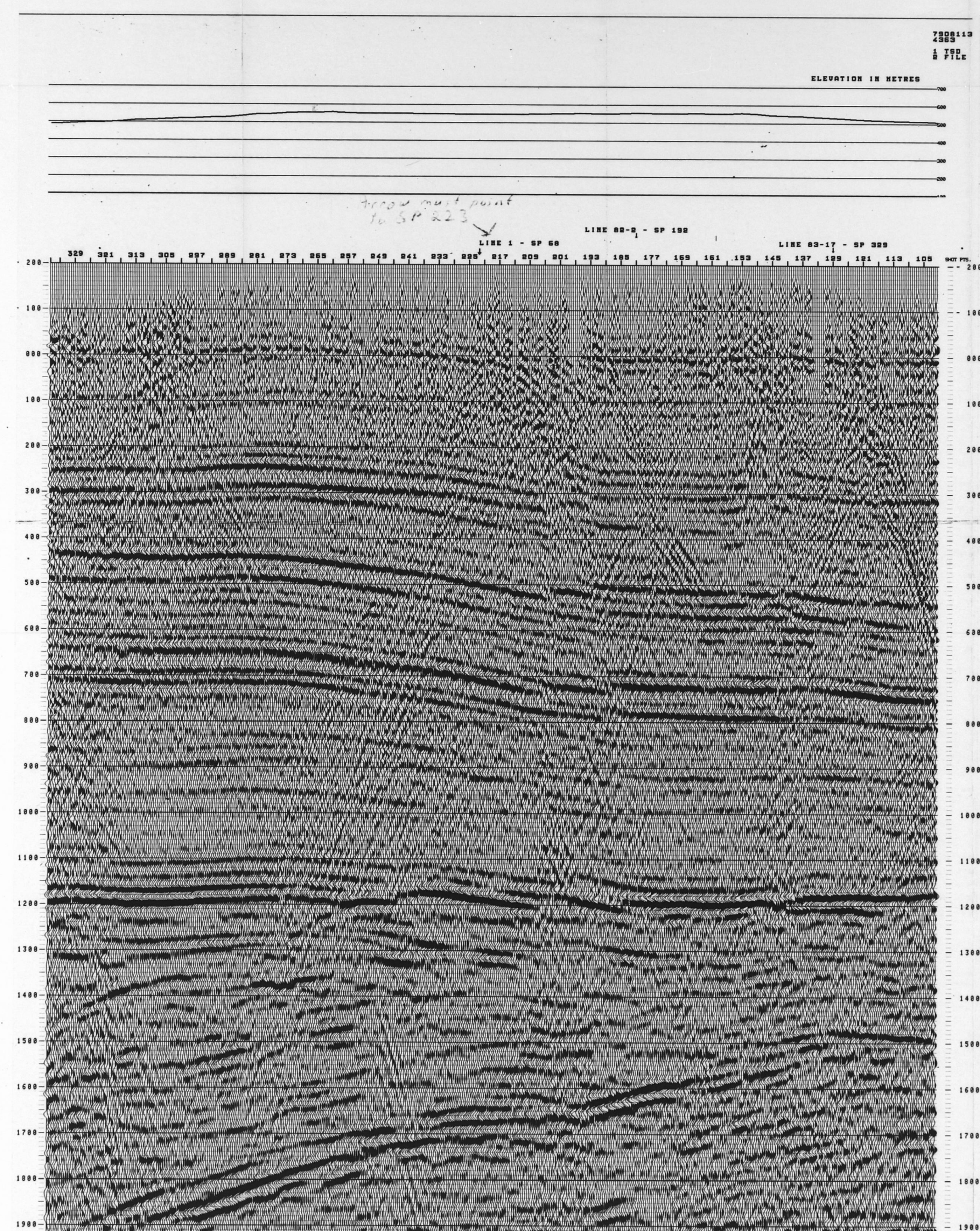




PETREL CONSULTANTS LTD.
NSM RESOURCES LTD.

CONVENTIONAL STACK
NORMAL POLARITY

AREA: ARROWHEAD
LINE: 83-14
LOCATION: N.W.T.

NW	336	SHOT POINTS	101	SE
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FIELD RECORDING

DATE: JAN. 1983
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNANITE 1 HOLE AT 10.3 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 0 - 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 S 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM	305 M.
REPLACEMENT VELOCITY	2440 M/SEC

PROCESSING PARAMETERS

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DATE: APRIL 1982
1. DEMULTIPLEX          SAMPLE RATE 4 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
   GATE: SPIKING
   GATE: 500 - 2500 MS.
   OPERATOR LENGTH: 80 MS.
   PRE-WHITENING: .3
   HELL TOT
   ELEV/TUN/DRIFT
5. HNO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNNO
10. AUTOMATIC RESIDUAL STATICS
    GATE: 620 - 2200 MS.
11. FIRST BREAK NOTE    TIME 0  DIST. 101
                           TIME 150  DIST. 124
                           TIME 300  DIST. 392
                           TIME 1300  DIST. 1600
                           TIME 2400  DIST. 3216
12. STACK 1200%
13. FLITER
14. TRACE EQUALIZATION   12/16 - 45/100
15. FILM DISPLAY 24 TR/IN 10 IN/SEC

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TIME	VELOCITY
4	2100
200	2350
400	2600
600	2950
900	3100
1100	3500
1600	3675
3600	4200
5000	4650