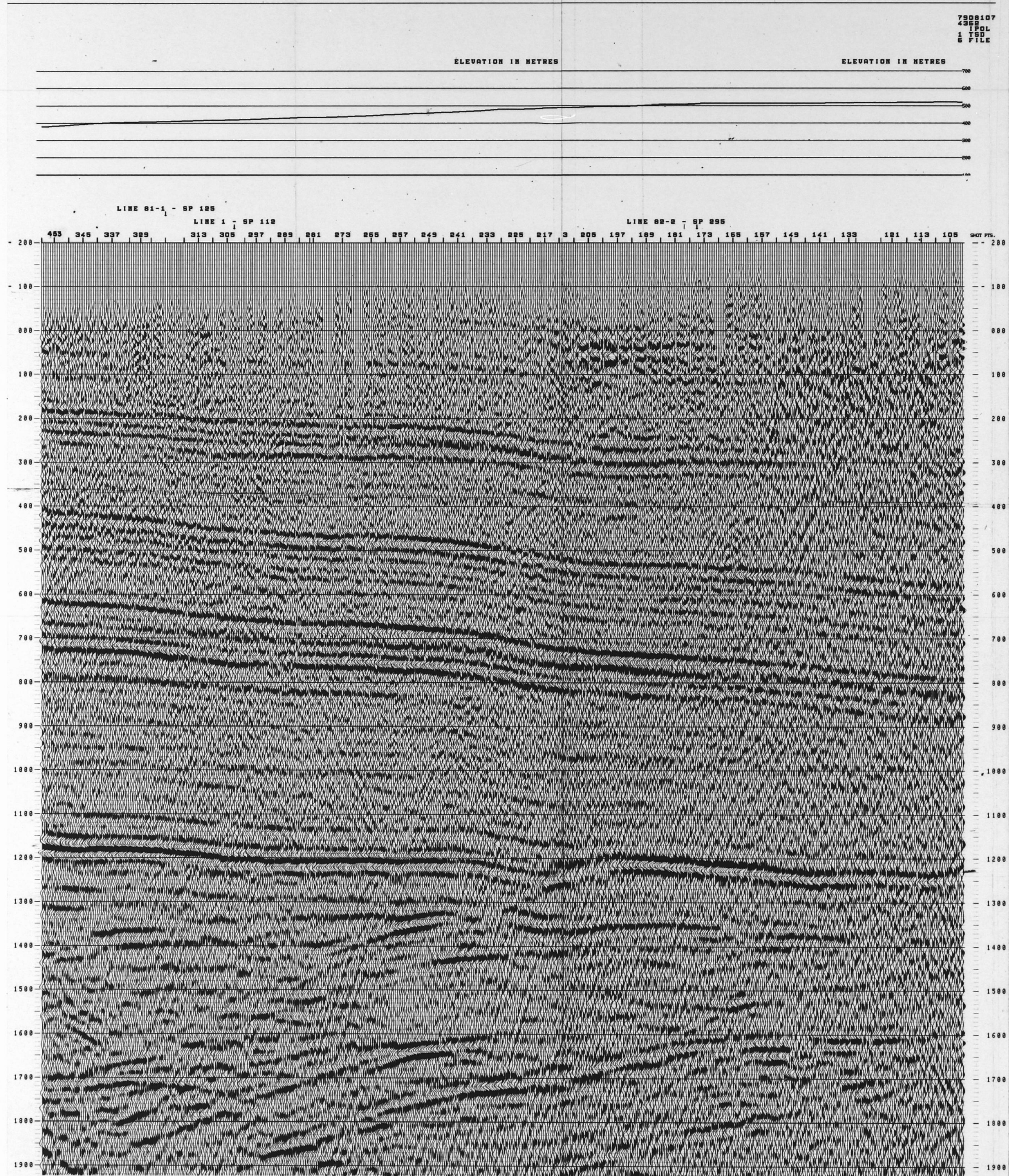




9229-19-2E

PETREL CONSULTANTS LTD.
NSM RESOURCES LTD.

CONVENTIONAL STACK
REVERSE POLARITY

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

FIELD RECORDING

DATE: JAN. 1983
RECORDED BY:
ENERGY SOURCE: DYNAMITE 1 HOLE AT 10.3 M
RECORDER TYPE: DFS-U 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 1200% 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 SAMPLE RATE 4 NS.
2. TRACE CATCHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 500 - 2500 NS
OPERATOR LENGTH: 80 NS.
PRE-WHITENING: 3.5
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TOT/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 1000 DIST. 1600
TIME 2400 DIST. 3216
12. STACK 1200%
13. FILTER 12/16 - 85/100
14. TRACE EQUALIZATION
15. FILM DISPLAY 24 TR/IN 10 IN/SEC

TIME	VELOCITY
0	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
3000	4450