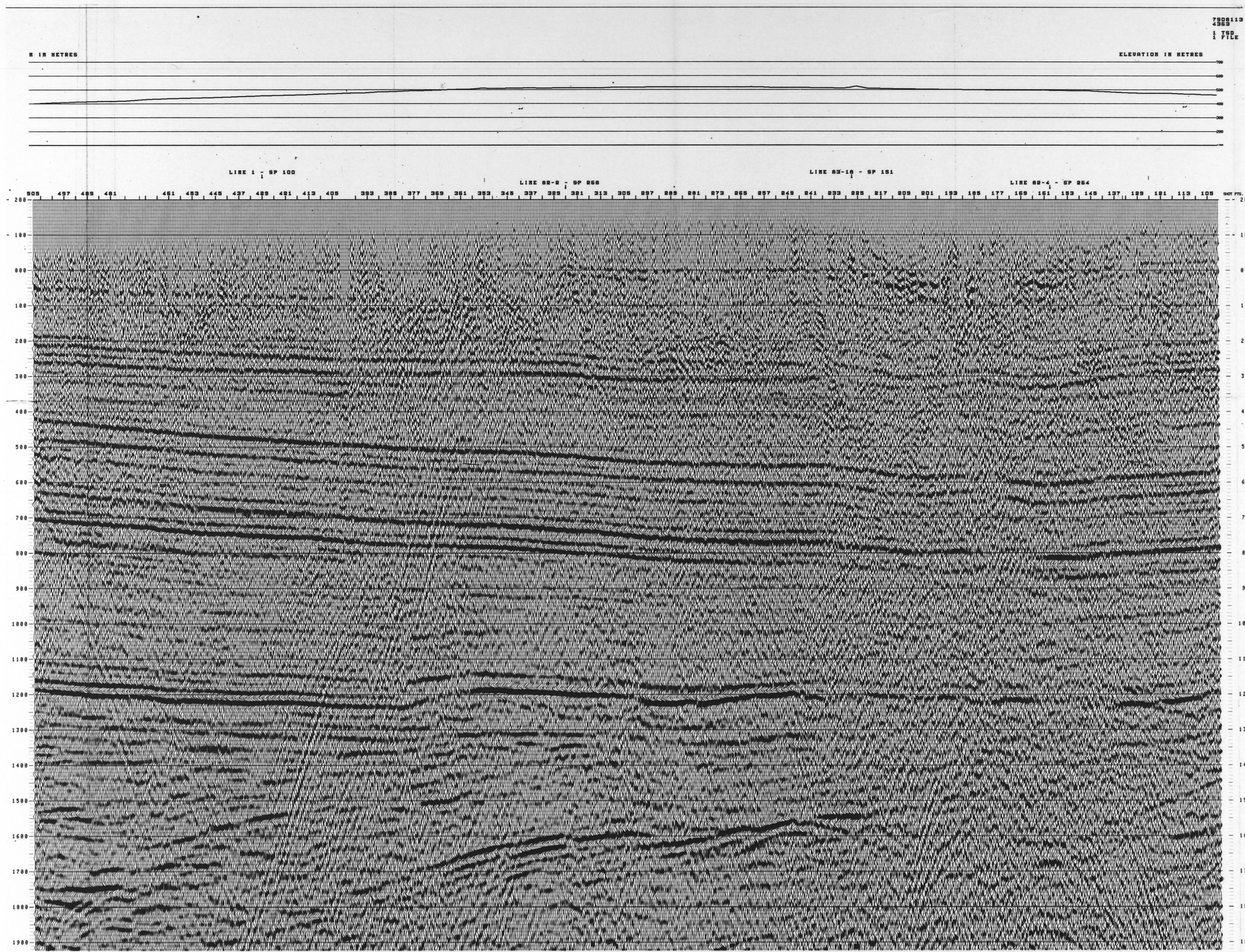




9229-N9-28

PETREL CONSULTANTS LTD.
NSM RESOURCES LTD.

CONVENTIONAL STACK
NORMAL POLARITY

AREA: ARROWHEAD
LINE: 83-13
LOCATION: N.W.T.
NW 508 SHOT POINTS 101 SE

FIELD RECORDING

DATE: JAN. 1993
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 1 HOLE AT 10.3 M
RECORDER TYPE: DFS-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 12000 SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM 385 M
REFERENCE VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: APRIL 1993
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/TIM/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 620 - 2200 MS.
11. FIRST BREAK MUTE TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 202
TIME 1200 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
4	2100
200	2350
400	2600
600	2750
800	3100
1100	3200
1600	3675
2600	4200
5000	4650