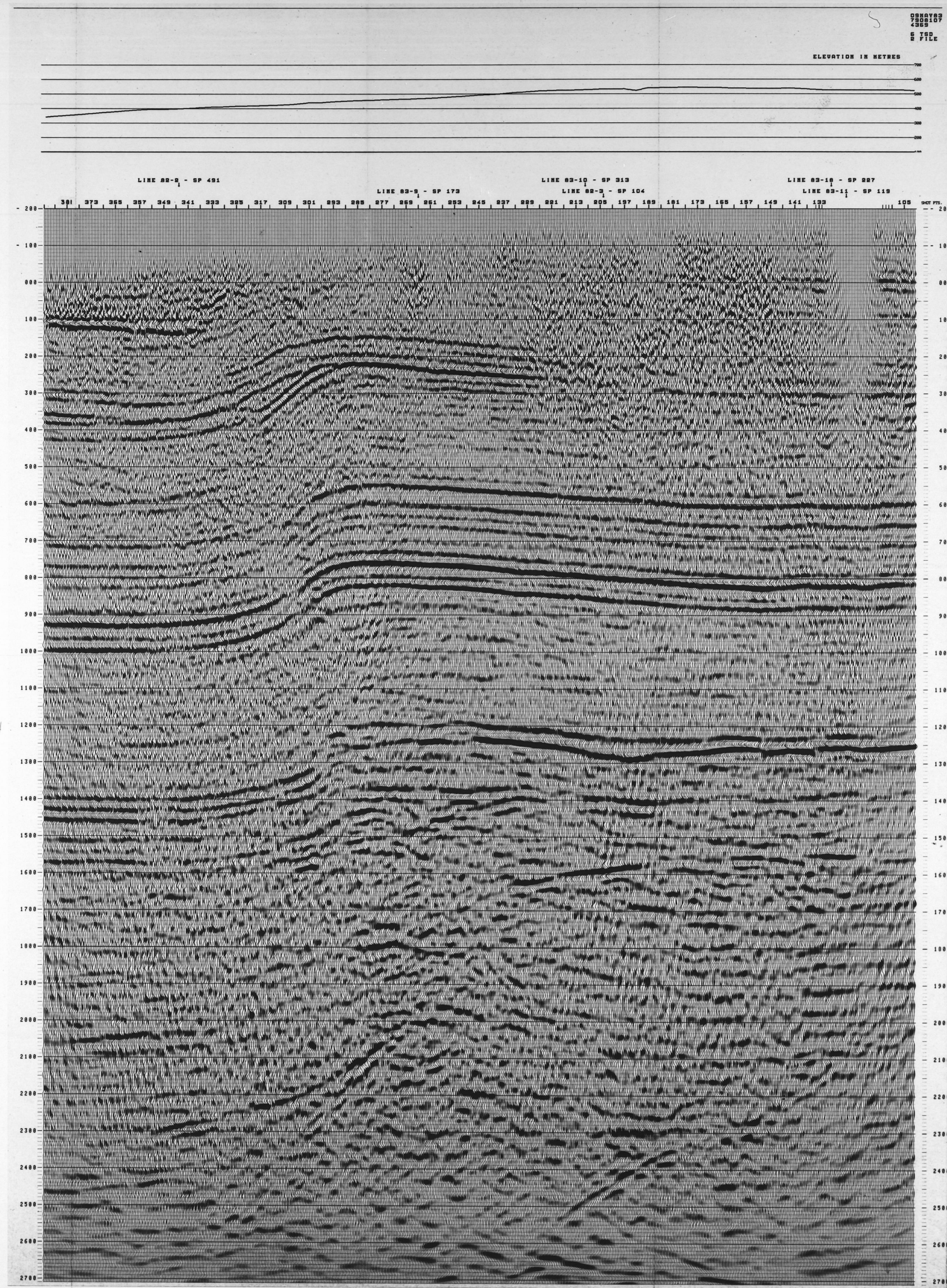




9229-N9-28

HSM RESOURCES LTD.

PROCESSED AT
PETREL CONSULTANTS LTD.
NORMAL POLARITY
AREA: ARROWHEAD
LINE: 83-8
LOCATION: N.W.T.
W 389 SHOT POINTS 101 E

FIELD RECORDING

DATE: JAN. 1983
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 1 HOLE AT 18.3 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 128 HZ
GEOPHONES/GRUP: 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 385 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: APRIL 1983
1. DEMULTIPLEX
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
5. NMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. SMO
10. AUTOMATIC RESIDUAL STATICS
11. FIRST BREAK NOTE
12. STACK 1200%
13. FILTER
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
16. FILM DISPLAY 24 TR/IN 10 IN/SEC

SAMPLE RATE 4 MS.
TYPE: SPIKING
GATE: 500 - 2500 MS.
OPERATOR LENGTH: 88 MS.
PRE-WHITENING: 3 %
WELL TOT
ELEV/TOT/DRIFT
GATE: 620 - 2200 MS.
TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 302
TIME 1300 DIST. 1600
TIME 2400 DIST. 3216
12/16 - 85/100
90% OF RMS VELOCITIES
10 IN/SEC

TIME	VELOCITY
4	2100
200	2350
400	2600
600	2750
800	3100
1100	3500
1600	3875
2600	4225
5000	4650