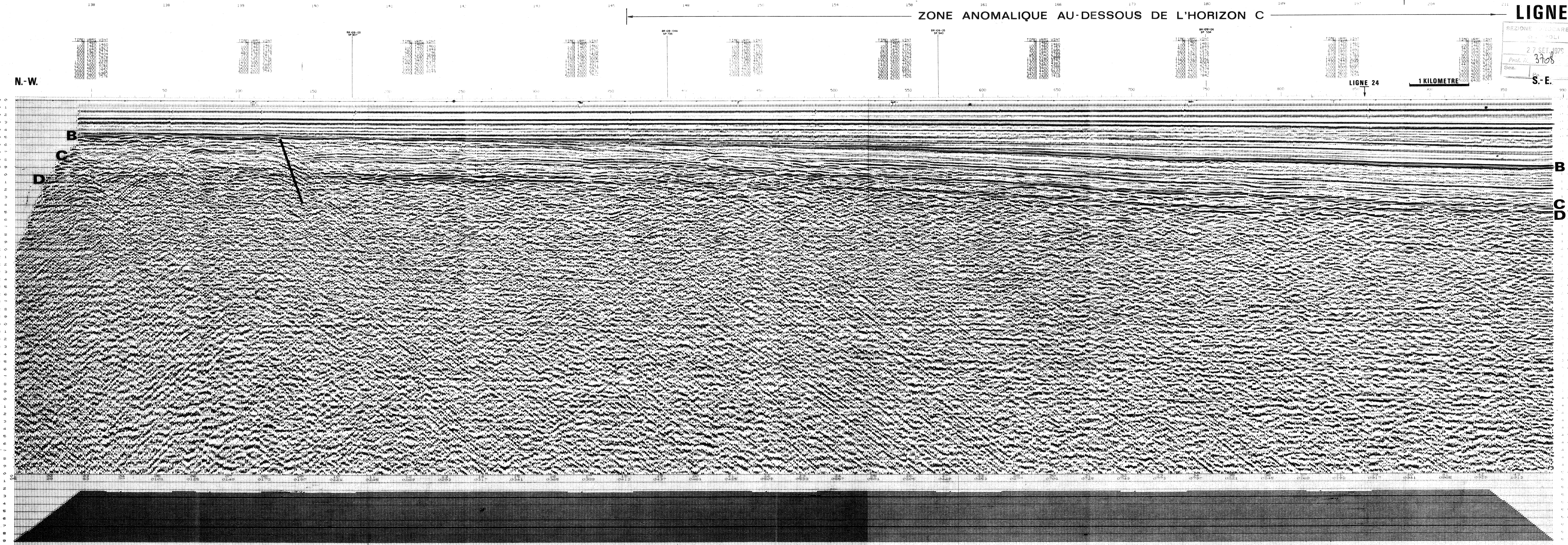


ZONE ANOMALIQUE AU-DESSOUS DE L'HORIZON C

LIGNE 10



SEZIONE CARBURATI
 411 COLI
 27 SET. 1979
 Prof. n. 3708
 Sez. _____



SEFEL J. & ASSOCIATES
 DATA PROCESSING CONSULTANTS
 (LONDON)

CLIENT: CPI
 PROSPECT: PERMIT BR 109
 TVF STACK
 SEA LEVEL DATUM
 SP 1 TO SP 990
 LINE BR-109-10 SE →

RECORDED BY GEOPHYSICAL OFFSHORE EXPLORATION
 VESSEL: M/V GREL ECODE
 RECORDING DATE: APRIL 1978
 INSTRUMENTS: LRS-000 CBGR-1 SEC-C FORMAT
 RECORD LENGTH: 6.0 SECONDS
 SAMPLE INTERVAL: 2 MSEC
 RECORDING FILTER: 6/124 HZ
 SOURCE: 16 AIR GUNS
 TOTAL GUN CAPACITY: 2450 CU. IN.
 OPERATING PRESSURE: 2000 PSI
 GUN DEPTH: 7.6 METRES
 CABLE: 48 GROUPS - 32 HYDROPHONES/GROUP
 CABLE DEPTH: 12.2 METRES
 CENTRE OF GUNS TO CENTRE OF NEAR GROUP: 250 M
 GROUP INTERVAL: 50 METRES
 SHOT INTERVAL: 25 METRES
 RECORDING FBL: 1000 PERCENT
 PRIMARY NAVIGATION: TRIPSONDER
 SECONDARY NAVIGATION: SRT NAV

- PROCESSING SEQUENCE
- 1 DEMULTIPLEX AND BINARY GAIN RECOVERY
 INCLUDES RESAMPLING TO 4 MSEC
 - 2 SYNTHETIC GAIN CURVE APPLICATION
 (DOB) * 41 + 30 LOG(1CT) + 20
 - 3 CDP TRACE GATHER TO 4000 PERCENT
 5.0 SECOND DATA LENGTH
 INCLUDES NEAR TRACE DISPLAY
 INCLUDES EDITING
 - 4 FILTER
 5-60 HZ BANDPASS - 320 MSEC B.L.
 200 MSEC OPERATOR LENGTH
 - 5 DECONVOLUTION - W.L. LEAST SQUARES
 24 MSEC PREDICTION TIME
 WINDOW: 200 MS TO 3000 MS
 SLOPE OF 1800 MS ACROSS 48 TRACES
 - 6 VELOCITY ANALYSES
 CONSTANT VELOCITY STACKS
 - 7 NMO REMOVAL
 0-320, 600-370, 1000-1320
 2200-2570
 - 8 STACK TO 4000 PERCENT
 - 9 BULK STATIC - DATUM CORRECTION - 4ms
 - 10 TIME VARIANT FILTER
 10/50 HZ BANDPASS WB TO 15
 8/35 HZ BANDPASS 3.0 TO 5.0
 FOLLOWS UNIFORMITY
 - 12 TIME VARIANT EQUALIZATION
 VARIOUS WITH STRUCTURE
 - 13 FILM DISPLAY
 5 CM/SEC VERTICAL SCALE
 4 CM = 1 KM HORIZONTAL SCALE

GC GEOPHYSICIST DATE JUNE / 1978