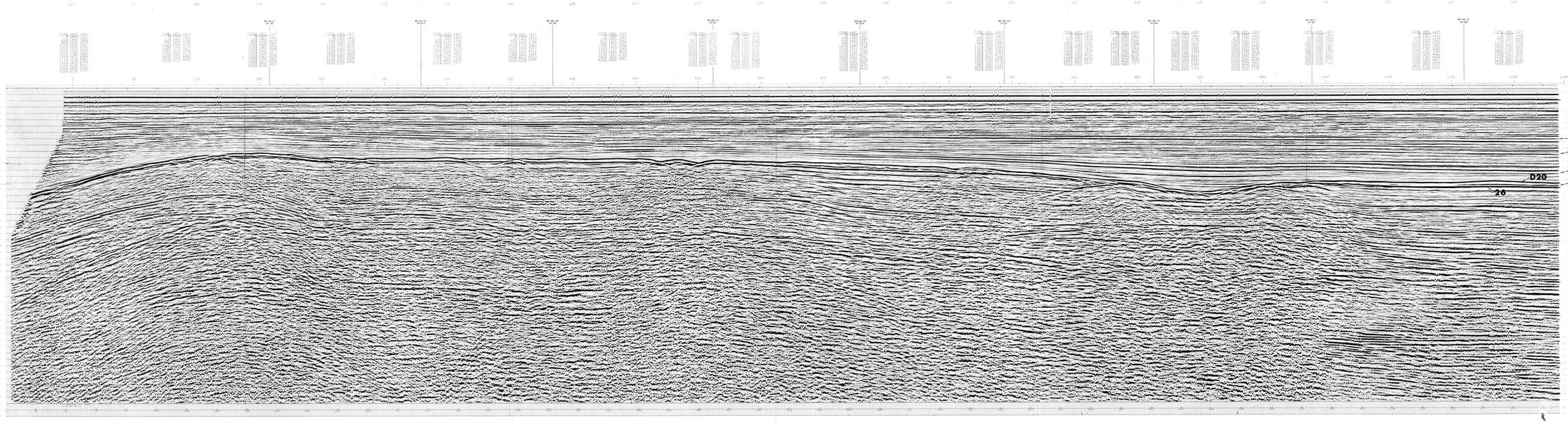

R.gph 116
Encl. 2

SEFEL J. & ASSOCIATES
DATA PROCESSING CONSULTANTS
(LONDON)

CLIENT: COMPAGNIA PETROLIFERA ITALIANA

PROSPECT: MID ADRIATIC SEA
PERMIT BR 145
TVS STACK
SEA LEVEL DATUM
SP 1 TO SP 1190

LINE 18 DIRECTION N.E.

FIELD PARAMETERS

RECORDED BY	GEOPHYSICAL OFFSHORE EXPLORATION
RECORDING DATE	APRIL 1978
VESSEL	M.V. GEOPHYSICIST
INSTRUMENTS	LRS-AAA CABH-1 SEIC-C FORMAT
RECORD LENGTH	5.0 SECONDS
SAMPLE INTERVAL	2 MSEC
RECORDING FILTER	6-124 HZ
SOURCE	16 AIR GUNS
TOTAL GUN CAPACITY	3450 CU.IN.
OPERATING PRESSURE	2000 PSI
GUN DEPTH	7.6 METRES
CABLE	44 GROUPS - 32 HYDROPHONES/GROUP
CABLE DEPTH	13.2 METRES
CENTRE OF GUNS TO CENTRE OF MIDW GROUP	305.71
GROUP INTERVAL	25 METRES
SHOT INTERVAL	25 METRES
RECORDING FOLD	4400 PERCENT
PRIMARY NAVIGATION	TRISPONDER
SECONDARY NAVIGATION	SRT MOV

PROCESSING SEQUENCE

1 DEMULTIPLEX AND SCRAMBLE GEOH RECOVERY
INCLUDES RESAMPLING TO 4 MSEC
2 SYNTHETIC GEOH CURVE APPLICATION
3 CDP TRACE GATHER TO 4400 PERCENT
3-D SEISMIC DATA LENGTH
INCLUDES MUTE TRACE DISPLAY
INCLUDES EDITING
4 FILTER
5/40 HZ BANDPASS - 320 MSEC B.L.
5 DECONVOLUTION - B.L. LIGHT SHAPES
200 MSEC OPERATOR LENGTH
WIENER - WD=0.01 PR TO WD=0.1
WIENER - WD=0.05 PR TO WD=0950 MS
SLOPE OF 1440 MS ACROSS 44 TRACES
6 VELOCITY ANALYSES
CONSTANT VELOCITY STACKS
7 MMO REMOVAL
8 FIRST BREAK MUTE
200-253 400-276 750-353
2500-2033
9 STACK TO 4400 PERCENT
10 BULK STATIC - DATUM CORRECTION
11 TIME VARIANT FILTER
6/15 HZ BANDPASS FROM WD TO 1.5
6/15 HZ BANDPASS FROM 5.0 TO END
1500 MSEC OVERLAP ZONE
12 TIME VARIANT EQUALIZATION
13 FILTR DISPLAY
10 CM=SEC VERTICAL SCALE
8 CM = 1 KM HORIZONTAL SCALE

COMMENTS

MARINE POLARITY

GC GEOPHYSICIST J.A.S. DATE JAN. 1978