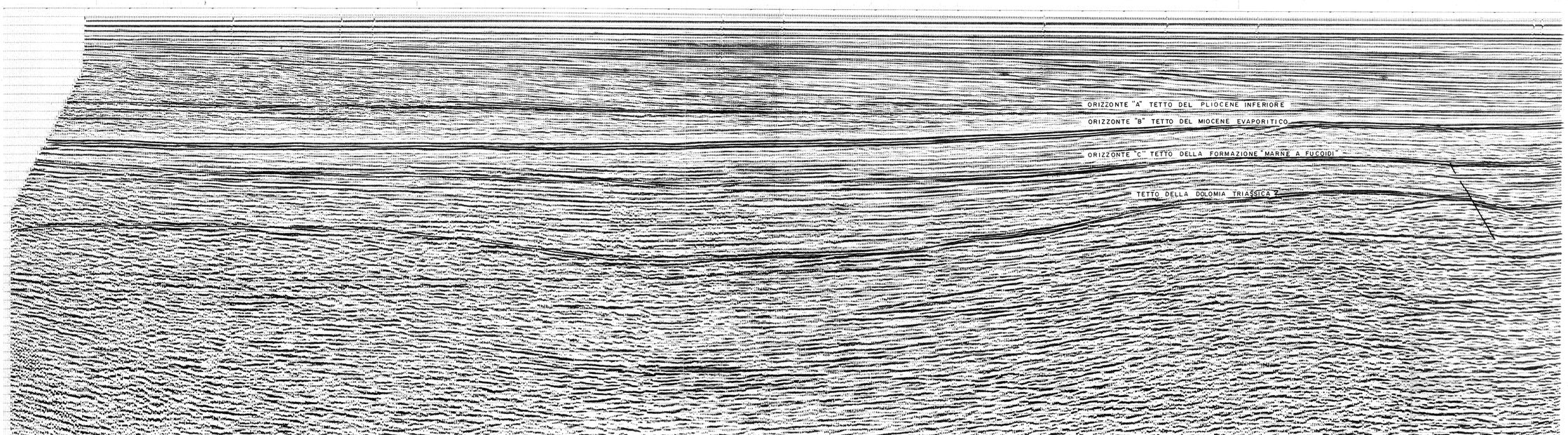
A 3989



SEFEL T. & ASSOCIATES
DATA PROCESSING CONSULTANTS
(LONDON)

CLIENT COMPAGNIA PETROLIFERA ITALIANA

PROSPECT SOUTH ADRIATIC SEA
PERMIT BR 147/146
TVF STACK
SEA LEVEL DATUM
SP 1 TO SP 857

LINE BR 147-36 BR 146-36 DIRECTION N.E.

FIELD PARAMETERS

RECORDED BY	GEOPHYSICAL OFFSHORE EXPLORATION
RECORDING DATE	APRIL 1976
VESSEL	M/V GREI EGERS
INSTRUMENTS	LRS-666 OBBA-1 SEG-C FORMAT
RECORD LENGTH	5.0 SECONDS
SAMPLE INTERVAL	2 MSEC
RECORDING FILTER	6-124 HZ
SOURCE	16 AIR GUNS
TOTAL GUN CAPACITY	2458 CU IN
OPERATING PRESSURE	2000 PSI
GUN DEPTH	7.6 METRES
CABLE	44 GROUPS - 52 HYDROPHONES/GROUP
CABLE DEPTH	12.2 METRES
CENTRE OF GUNS TO CENTRE OF NEAR GROUP	203 M
GROUP INTERVAL	50 METRES
SHOT INTERVAL	25 METRES
RECORDING FOLD	4400 PERCENT
PRIMARY NAVIGATION	TRISPONDER
SECONDARY NAVIGATION	SAT NAV

PROCESSING SEQUENCE

1 DEMULTIPLEX AND BINARY GAIN RECOVERY
INCLUDES RESAMPLING TO 4 MSEC
2 SYNTHETIC GAIN CURVE APPLICATION
3 CDP TRACE GATHER TO 4400 PERCENT
5.0 SECOND DATA LENGTH
INCLUDES NEAR TRACE DISPLAY
INCLUDES EDITING
4 FILTER
5-60 HZ BANDPASS 520 MSEC B.L.
5 DECONVOLUTION - M.L. LEAST SQUARES
200 MSEC OPERATOR LENGTH
52 MSEC PREDICTION TIME
WINDOW - WB-50 MS TO WB+2950 MS
SLOPE OF 1440 MS ACROSS 44 TRACES
6 VELOCITY ANALYSES
CONSTANT VELOCITY STACKS
7 NMO REMOVAL
8 FIRST BREAK MUTE
0-228 200-253 400-278 750-353
2500-2555
9 STACK TO 4400 PERCENT
10 BULK STATIC - DATUM CORRECTION
11 TIME VARIANT FILTER
10-50 HZ BANDPASS FROM WB TO 1.5
6-35 HZ BANDPASS FROM 5.0 TO END
1500 MSEC OVERLAP ZONE
12 TIME VARIANT EQUALIZATION
13 FILM DISPLAY
5 CM/SEC VERTICAL SCALE
4 CM = 1 CM HORIZONTAL SCALE

COMMENT

NORMAL POLARITY

SCALE 1:100.000 H.S. DATE JULY/1978