

B 442 SP 15480 BR 105 BR 107W SP 10-II  
B 424 SP 13136 BP 146-56 SP 553 B 442 SP 15475 BR 13875 BP 146-54 SP 553 BP 146-54A SP 190

**CONFIDENZIALE**  
**RISERVATO**



610 1985  
6275

**SEFEL J. & ASSOCIATES**  
DATA PROCESSING CONSULTANTS  
(LONDON)

CLIENT COMPAGNIA  
PETROLIFERA ITALIANA  
PROSPECT SOUTH ADRIATIC SEA  
PERMIT BR 146  
TVF STACK  
SEA LEVEL DATUM  
SP 1 TO SP 553  
LINE 01 DIRECTION S E

FIELD PARAMETERS  
RECORDED BY GEOPHYSICAL OFFSHORE EXPLORATION  
RECORDING DATE APRIL 1976  
VESSEL M/V GAELE ECEDE  
INSTRUMENTS LRS-666 CDBA-1 SEC-C FORMAT  
RECORD LENGTH 5.0 SECONDS  
SAMPLE INTERVAL 2 MSEC  
RECORDING FILTER 6/124 HZ  
SOURCE 16 AIR GUNS  
TOTAL GUN CAPACITY 2430 CU. IN  
OPERATING PRESSURE 2000 PSI  
GUN DEPTH 7.6 METRES  
CABLE 44 GROUPS - 32 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 1400 PERCENT  
PRIMARY NAVIGATION TRISPANDER  
SECONDARY NAVIGATION SAT NAV

PROCESSING SEQUENCE  
1 DEMULPLEX AND BINARY GAIN RECOVERY  
INCLUDES RESAMPLING TO 4 MSEC  
2 SYNTHETIC GAIN CURVE APPLICATION  
3 CDP TRACE GATHER TO 1400 PERCENT  
5.0 SECOND DATA LENGTH  
INCLUDES NEAR TRACE DISPLAY  
INCLUDES EDITING  
4 FILTER  
5/60 HZ BANDPASS - 320 MSEC 6. L.  
5 DECONVOLUTION - M. L. LEAST SQUARES  
200 MSEC OPERATOR LENGTH  
32 MSEC PREDICTION TIME  
WINDOW - 48-50 MS TO 48+2950 MS  
SLOPE OF 1640 MS ACROSS 14 TRACES  
6 VELOCITY ANALYSES  
CONSTANT VELOCITY STACKS  
7 NMO REMOVAL  
8 FIRST BREAK MUTE  
0-228 200-253 400-276 750-353  
2500-2353  
9 STACK TO 400 PERCENT  
10 BULK STATIC - DATUM CORRECTION  
11 TIME VARIANT FILTER  
10-30 HZ BANDPASS FROM 48 TO 1.5  
8-35 HZ BANDPASS FROM 3.0 TO END  
1500 MSEC OVERLAP ZONE  
12 TIME VARIANT EQUALIZATION  
13 FILM DISPLAY  
3 CM-SEC VERTICAL SCALE  
4 CM \* 1 KM HORIZONTAL SCALE

NORMAL POLARITY  
SC GEOPHYSICIST J.A.S. DATE JULY 1976

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