

CONFIDENTIALE
RISERVATO



SEFEL J. & ASSOCIATES
DATA PROCESSING CONSULTANTS
(LONDON)

CLIENT: COMPAGNIA
PETROLIFERA ITALIANA
PROJECT: SOUTH ADRIATIC SEA
PERMIT BR 147/146
TVF STACK
SEA LEVEL DATUM
SP 1 TO SP 737
LINE BR 147-04 DIRECTION NE
BR 146-05

RECORDED BY GEOPHYSICAL OFFSHORE EXPLORATION
RECORDING DATE: APRIL 1976
VESSEL: M/V G6EL EGED
INSTRUMENTS: LRS-666 C68A-1 SEG-C FORMAT
RECORD LENGTH: 5.0 SECONDS
SAMPLE INTERVAL: 2 HSEC
RECORDING FILTER: 6/124 HZ
SOURCE: 16 AIR GUNS
TOTAL GUN CAPACITY: 2436 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
SHOT INTERVAL: 50 METRES
RECORDING FREQ: 4400 PERCENT
PRIMARY NAVIGATION: TRISPANDER
SECONDARY NAVIGATION: SAT NAV

- PROCESSING SEQUENCE
- 1 DEMULTIPLY AND BINARY GAIN RECOVERY
INCLUDES RESAMPLING TO 4 HSEC
 - 2 SYNTHETIC GAIN CURVE APPLICATION
 - 3 CDP TRACE GATHER TO 400 PERCENT
5.0 SECOND DATA LENGTH
INCLUDES NEAR TRACE DISPLAY
INCLUDES EDITING
 - 4 FILTER
5/60 HZ BANDPASS - 320 MSEC G.L.
 - 5 DECONVOLUTION - N.L. LEAST SQUARES
200 MSEC OPERATOR LENGTH
32 MSEC PREDICTION TIME
WINDOW - 48-50 MS TO 48+2950 MS
SLOPE OF 1/60 HZ ACROSS 44 TRACES
 - 6 VELOCITY ANALYSES
CONSTANT VELOCITY STACKS
 - 7 NMO REMOVAL
 - 8 FIRST BREAK MUTE
0-220 200-255 400-276 750-555
2500-2555
 - 9 STACK TO 400 PERCENT
BULK STATIC - DATUM CORRECTION
 - 10 TIME VARIANT FILTER
10/50 HZ BANDPASS FROM 48 TO 1.5
6/55 HZ BANDPASS FROM 3.0 TO 1.5
1500 MSEC OVERLAP 20ME
 - 11 TIME VARIANT EQUALIZATION
 - 12 FILM DISPLAY
5 CM/SEC VERTICAL SCALE
4 CM = 1 KM HORIZONTAL SCALE

REMARKS: NORMAL POLARITY

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