

# SEISMIC LINE BR 146-06

Encl. 20



SEFEL J. & ASSOCIATES  
DATA PROCESSING CONSULTANTS  
(LONDON)

BR 146-01

B 442

550

BR 146-02

650

700

750

800

850 857



(A)

(B)

(C)

Stella West area

CLIENT COMPAGNIA  
PETROLIFERA ITALIANA  
PROSPECT SOUTH ADRIATIC SEA  
PERMIT BR 147/146  
TVF STACK  
SEA LEVEL DATUM  
SP 1 TO SP 857  
LINE BR 146-06 BR 146-06 DIRECTION NE →

RECORDED BY GEOPHYSICAL OFFSHORE EXPLORATION  
RECORDING DATE APRIL 1978  
VESSEL M/V GAEL EGEDE  
INSTRUMENTS LRS-600 CDBA-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 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  
GROUP INTERVAL 50 METRES  
SHOT INTERVAL 25 METRES  
RECORDING FOLD 4400 PERCENT  
PRIMARY NAVIGATION TRISPOUNDER  
SECONDARY NAVIGATION SAT NAV

- 1 DEMULTIPLEX 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 - 520 MSEC B.L.
- 5 DECONVOLUTION - W.L. LEAST SQUARES  
200 MSEC OPERATOR LENGTH  
32 MSEC PREDICTION TIME  
WINDOW - WB-50 MS TO WB+2950 MS
- 6 VELOCITY ANALYSES  
CONSTANT VELOCITY STACKS
- 7 NMO REMOVAL
- 8 FIRST BREAK MUTE  
0-228 200-253 400-278 750-353  
2500-2353
- 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 3.0 TO END  
1500 MSEC OVERLAP ZONE
- 12 TIME VARIANT EQUALIZATION
- 13 FILM DISPLAY  
5 CM/SEC VERTICAL SCALE  
4 CM = 1 KM HORIZONTAL SCALE

NORMAL POLARITY

J A S JULY 1978