

Area di subsidenza recente - Zona di margine di un paleoalto miocenico

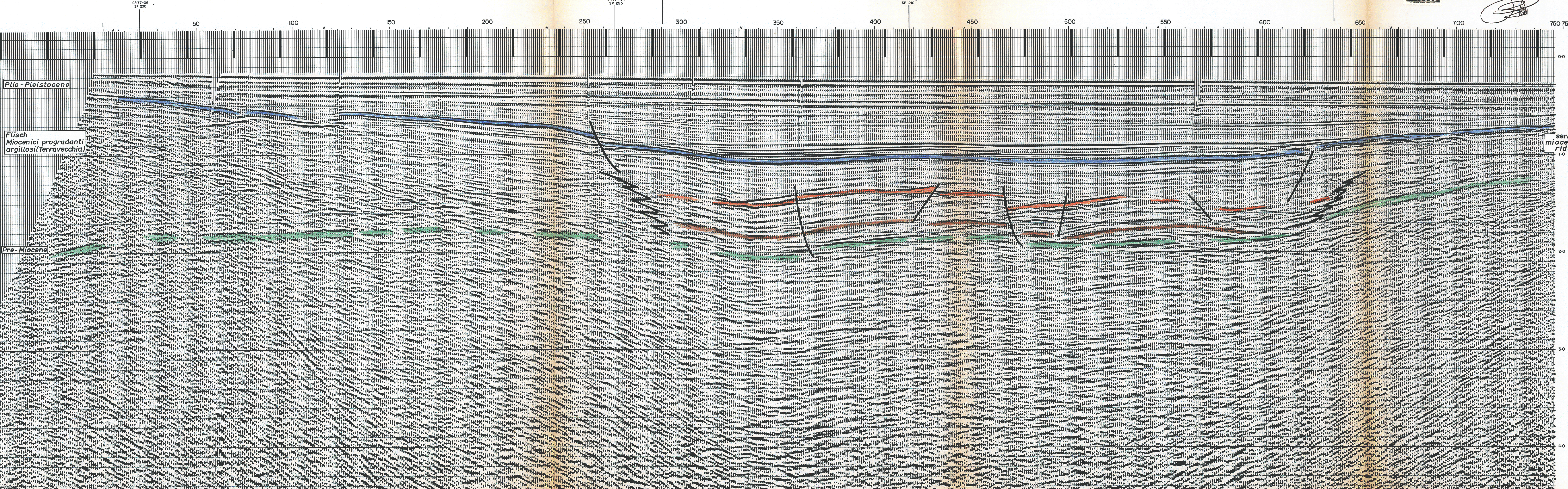


IDROCARBURI CANALE DI SICILIA S.p.A.

Line: CR77-03A
SPs. 1-755 Allegato 1
(allegato all'istanza di permesso "d. CR-15)

ESE
DIRECTION OF SHOOTING
DBAS + TVF + EQUALISATION

Montedison
Southwest Sicily



SEFEL SEFEL & ASSOCIATES LTD
SEISMIC DATA PROCESSING
LONDON ENGLAND

DATE PROCESSED APRIL '78
REEL NUMBER 1293
CONTRACT NUMBER 407

FIELD RECORDING

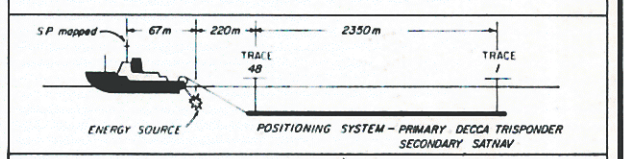
RECORDED BY GEOPHYSICAL OFFSHORE EXPLORATION M.V. GOEL EGEDE
DATE 20TH-28TH JAN 1978 SYSTEM LRS-888 COBA I
FORMAT SEG 'C' P.E. GAIN FLOATING POINT

ENERGY SOURCE
TYPE AIR GUNS ARRAY 2 x 8 GUNS 2438 cu. in.
DESCRIPTION 2000 P.S.I. DEPTH 25 ft.

STREAMER
LENGTH 2400 m. No TRACES 48
DEPTH 35 to 45 ft. GROUP INTERVAL 50 m.

ARRAY MULTIDINE GEOPH/TR OVER

PARAMETERS
RECORDING FOLD 4800 % SP SPACING 25 m.
SAMPLE INTERVAL 2 ms. RECORD LENGTH 5 seconds
RECORDING FILTER Lo 6Hz 1846/OCT-Hi 124Hz 7546/OCT



DIGITAL PROCESSING

SEQ	PROCESS	PARAMETERS
1	DEMULTIPLY	WITH GAIN CURVE & RECOVERY GAIN CURVE IS DEFINED BY GAIN (GAIN(SLTA (LX/LOGIT)) + 28
2	CDT SORT	WITH SUBSAMPLING FROM 2 TO 408
3	DECONVOLUTION	WITH CONSTANT SCALING. SEE BELOW
4	VELOCITY ANALYSIS	CONSTANT VELOCITY STACKS
5	NMO CORRECTION	
6	MUTE	
7	HORIZONTAL STACK	48 FOLD
8	DECONVOLUTION	WITH CONSTANT SCALING
9	FILTER	TIME VARIANT. SEE BELOW
10	EQUALIZATION	12 EXPANDING WINDOWS
11	DISPLAY	SEE BELOW FOR PLOT SCALES

DECON	# OPERATOR	PRESETIVE	GENERATOR	APPLICATION
3	240	24	0-3000 NEAR TR	WHOLE TRACE
8	300	32	2000-5000 IIR TR	WHOLE TRACE
			0-3000 BELOW SEA	WHOLE TRACE
			BOTTOM	

FILTER	CUT OFF POINT	6 POINT	6 POINT	CUT OFF POINT	APPLICATION TIMES FOR SHOTPOINTS SPECIFIED
9	5	8	25	58	ALL S.P.s
	3	6	40	43	0-1200
					2000-5000
					BELOW SEA BOTTOM

ALL TIMES IN MILLISECONDS ALL FREQUENCIES IN HERTZ
FILTERS INTERPOLATED LINEARLY BETWEEN APPLICATION TIMES
APPLICATION TIMES INTERPOLATED LINEARLY BETWEEN SHOTPOINTS
OPERATOR LENGTH GIVEN IS ACTIVE LENGTH ADD GAP FOR TOTAL LENGTH

SAMPLE RATE 4 ms DATUM CORRECTION 0
SCALES Horizontal 1:25,000 Vertical 5 cm/sec
RECORDING POLARITY COMPRESSION IS-VE N° ON TAPE
PROCESSING POLARITY POSITIVE N° gives black peak.