

pozzo offset "SIRIO 1"

Line: CR77-10
SPs. 1-641

Allegato 2

SE
DIRECTION OF SHOOTING
DBAS + TVF + EQUALISATION

Montedison
Southwest Sicily

SEFEL SEFEL J & ASSOCIATES LTD
SEISMIC DATA PROCESSING
LONDON ENGLAND

DATE PROCESSED: APRIL '78
REEL NUMBER: 1600
CONTRACT NUMBER: 407

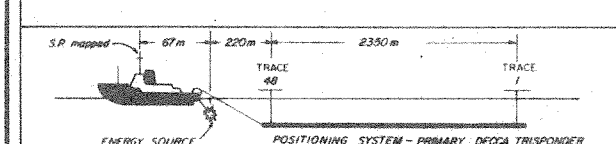
FIELD RECORDING

RECORDED BY: GEOPHYSICAL OFFSHORE EXPLORATION M.V. SOEL EGIDE
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 50 m
DESCRIPTION: 2000 P.S. DEPTH

STREAMER
LENGTH: 2400 m. No TRACES: 48
DEPTH: 35 to 45 ft. GROUP INTERVAL: 80 m
ARRAY: MULTITIME GEOPHYSICAL OVER

PARAMETERS
RECORDING FOLD: 4800 % S.P. SPACING: 25 m
SAMPLE INTERVAL: 2 ms. RECORD LENGTH: 5 seconds
RECORDING FILTER: Lo 6Hz 18dB/OCT Hi 24Hz 75dB/OCT



DIGITAL PROCESSING

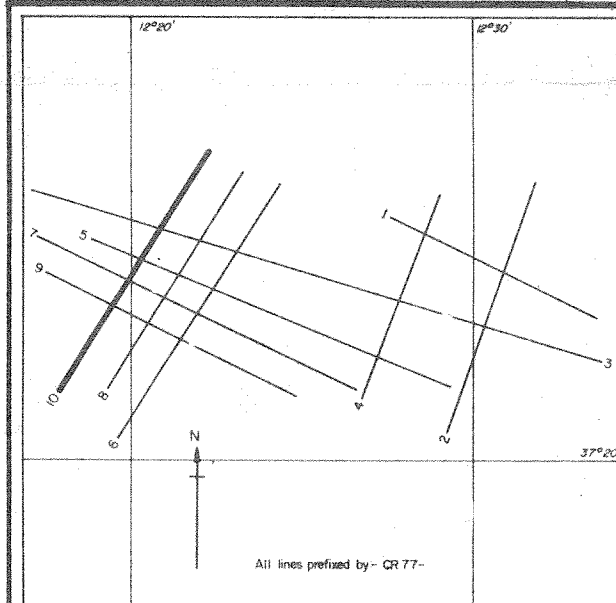
SEQ	PROCESS	PARAMETERS
1	DEMULTEPLEX	WITH GAIN CURVE & RECOVERY GAIN CURVE IS DEFINED BY GAIN (dB) = 15 * (150 - LOG(T)) + 28
2	CUT SORT	WITH SUBSAMPLING FROM 2 TO 40m
3	DECONVOLUTION	WITH CONSTANT SCALING. SEE BELOW
4	VELOCITY ANALYSIS	CONSTANT VELOCITY STACKS
5	NMO CORRECTION	
6	DATE	
7	HORIZONTAL STACK	48 FOLD
8	DECONVOLUTION	WITH CONSTANT SCALING
9	FILTER	THE WEIGHT SEE BELOW
10	EQUALIZATION	12 EXPANDING WINDOWS
11	DISPLAY	SEE BELOW FOR PLOT SCALES

DECON	N OPERATOR	PREDICTIVE	DERIVATION	APPLICATION
1	240	24	0-3000 NEAR TR	WHOLE TRACE
2	300	32	200-5000 NEAR TR	WHOLE TRACE
3	300	32	0-3000 BELOW SEA	WHOLE TRACE
4				BOTTOM

FILTER	CUT POINT	S POINT	S POINT	CUT POINT	APPLICATION TIMES FOR SHOTPOINTS SPECIFIED
1	5	8	56	56	ALL S.P.
2	3	8	40	45	0-1200
3					200-5000
4					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.



SP-6

TIME	VSTK	VINT
1.00	1450	1450
5.00	1450	1450
9.00	1450	1450
13.00	1450	1450
17.00	1450	1450
21.00	1450	1450
25.00	1450	1450
29.00	1450	1450
33.00	1450	1450
37.00	1450	1450
41.00	1450	1450
45.00	1450	1450
49.00	1450	1450
53.00	1450	1450
57.00	1450	1450
61.00	1450	1450
65.00	1450	1450
69.00	1450	1450
73.00	1450	1450
77.00	1450	1450
81.00	1450	1450
85.00	1450	1450
89.00	1450	1450
93.00	1450	1450
97.00	1450	1450
101.00	1450	1450
105.00	1450	1450
109.00	1450	1450
113.00	1450	1450
117.00	1450	1450
121.00	1450	1450
125.00	1450	1450
129.00	1450	1450
133.00	1450	1450
137.00	1450	1450
141.00	1450	1450
145.00	1450	1450
149.00	1450	1450
153.00	1450	1450
157.00	1450	1450
161.00	1450	1450
165.00	1450	1450
169.00	1450	1450
173.00	1450	1450
177.00	1450	1450
181.00	1450	1450
185.00	1450	1450
189.00	1450	1450
193.00	1450	1450
197.00	1450	1450
201.00	1450	1450
205.00	1450	1450
209.00	1450	1450
213.00	1450	1450
217.00	1450	1450
221.00	1450	1450
225.00	1450	1450
229.00	1450	1450
233.00	1450	1450
237.00	1450	1450
241.00	1450	1450
245.00	1450	1450
249.00	1450	1450
253.00	1450	1450
257.00	1450	1450
261.00	1450	1450
265.00	1450	1450
269.00	1450	1450
273.00	1450	1450
277.00	1450	1450
281.00	1450	1450
285.00	1450	1450
289.00	1450	1450
293.00	1450	1450
297.00	1450	1450
301.00	1450	1450
305.00	1450	1450
309.00	1450	1450
313.00	1450	1450
317.00	1450	1450
321.00	1450	1450
325.00	1450	1450
329.00	1450	1450
333.00	1450	1450
337.00	1450	1450
341.00	1450	1450
345.00	1450	1450
349.00	1450	1450
353.00	1450	1450
357.00	1450	1450
361.00	1450	1450
365.00	1450	1450
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381.00	1450	1450
385.00	1450	1450
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397.00	1450	1450
401.00	1450	1450
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409.00	1450	1450
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417.00	1450	1450
421.00	1450	1450
425.00	1450	1450
429.00	1450	1450
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733.00	1450	1450
737.00	1450	1450
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745.00	1450	1450
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753.00	1450	1450
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761.00	1450	1450
765.00	1450	1450
769.00	1450	1450
773.00	1450	1450
777.00	1450	1450
781.00	1450	1450
785.00	1450	1450
789.00	1450	1450
793.00	1450	1450
797.00	1450	1450
801.00	1450	1450
805.00	1450	1450
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889.00	1450	1450
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901.00	1450	1450
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