

SEISMIC SECTION

SOCIETA' ITALIANA RESINE s.p.a.

SEISMIC REFLECTION RESEARCH

PROJECTS: "CASTELFIDARDO"
"CAMPOCAVALLO"

LINE CAV-3
CF-4

600% - T.V. FILT



Supervisor: I. FINETTI	PARTY: TD-147	Research n°72464	ENCLOSURE N° B
Processing: R. NICOLICH	Trieste June 30, 1972	Copy n°	TC - 1104/B
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RECORDING:

PROCESSING:

O.G.S. - PARTY TD-147

- Recording instrument: T.I. DFS/III
- Sample rate: 4 msec
- Record length: 5 sec
- Spread length: 1200 m
- Number of traces: 24
- Group interval: 50 m
- Geoph./group: 24
- Coverage: 6 fold
- Recording filters: 12/36 62/24

- Gain removal
- Spherical divergence correction
- Trace edit
- Digital AGC
- CVS Velocity analysis S.P. 101-106
- Wide band normal moveout correction
- Datum: static datum plane sea level
- Band pass filters:

	Low	High	Slope	
	8	64	3db/cycle	
- Digital AGC				
- Automatic statics gate	1300	2000		
- T.V. Predictive deconvolution				
- T.V. FILTER				
S.P.	Low	High	Time	Slope
	14	40	100	3 db/cycle
	12	38	400	3 db/cycle
	10	35	1400	3 db/cycle
	8	28	4500	3 db/cycle

S.P. db/cycle
db/cycle
db/cycle

6 fold Gather and Stack
Digital AGC: 400msec
Film display

VELOCITY FUNCTIONS

Reflection Time	Average Velocity	Reflection Time	Average Velocity
S.P. 05 40	2050	S.P. 13 50	2050
420	2250	420	2250
750	2340	700	2300
1200	2420	1200	2400
1300	2500	2000	2700
2000	2750	2900	3050
2600	3000	3900	3500
5000	4500	5000	4500
S.P. 301 50	2050		
400	2200		
700	2300		
950	2380		
2000	2750		
2900	3050		
3900	3500		
5000	4500		

