

SEISMIC SECTION

CREW : TD-143

SEISMIC REFLECTION SURVEY

FOR

MINERARIA TEXAS ITALIANA S.p.A.

PROJECT

S. SEVERO

LINE SE-4

Supervisor : Prof. Italo Finetti
Party Chief : Luciano Zampieri

Trieste, December 31, 1971

Report n°
71457

Enclosure n° 8
TC - 1134

RECORDING:

O.G.S. - PARTY TD-143

Recording instrument: T.I. DFS/10000
Sample rate: 2 msec.
Record length: 5 sec
Spread length: 1200 m
Number of traces: 24
Group interval: 50 m
Geoph/group: 24
Coverage: 4 fold
Recording filters: 12/36-70/24

PROCESSING:

OGS / DIGICON BARI

Gain removal
Spherical divergence correction
Trace edit
Digital AGC
CVS Velocity analysis S.P. 94-103
Wide band normal moveout correction
Datum statics: datum plane = sea level
Band pass filters:

Low	High	Slope
8	64	3db/cycle

Digital AGC
Digital automatic statics
4 Fold gather and stack
T.V. Predictive deconvolution
T.V. FILTER

Low	High	Time	Slope
20	55	0.1	3 db/cycle
12	50	0.4	3 db/cycle
10	44	1.0	3 db/cycle
10	30	4.0	3 db/cycle

Digital AGC
Film display

Velocity functions	Reflection Time	Average velocity
S.P. 100	0	2300
	.2	2350
	.45	2400
	.8	2589
	1.2	2735
	2.9	2987
	5.0	4245

NORTHEAST →

SE-2a

