

SEISMIC SECTION

CREW : TD-143

SEISMIC REFLECTION SURVEY

FOR

MINERARIA TEXAS ITALIANA S.p.A.

PROJECT

S. SEVERO

LINE SE-2b

Supervisor : Prof. Iclio Finetti
Party Chief : Luciano Zampieri

Trieste, December 31, 1971

Report n°
71457

Enclosure n° 6
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:

O.G.S./DIGICON - BARI

Gain removal
Spherical divergence correction
Trace edit
Digital AGC
CVS Velocity analysis S.P. 115-122
Wide band normal moveout correction
Datum statics: datum plane = sea level
Band pass filters:

Low	High	Slope
8	64	3 db/cycle

Digital AGC
Digital automatic statics
4 Fold gather and stack

T.V. Predictive deconvolution

T.V. FILTER

Low	High	Time	Slope
18	50	0.1	3 db/cycle
12	46	0.4	3 db/cycle
10	42	1.0	3 db/cycle
10	30	4.0	3 db/cycle

Digital AGC
Film display

Velocity function	Reflection Time	Average velocity	
S.P. 115	0	2300	
	.333	2384	
	.494	2432	
	.617	2496	
	.867	2653	
	1.200	2737	
	2.900	2988	
5.000	4245		
S.P. 122	0	2300	
	.4	2400	
	.5	2449	
	.6	2496	
	.9	2606	
	1.2	2737	
	2.9	2988	
	5.0	4245	
	S.P. 142	0	2350
		.4	2450
.6		2592	
.8		2818	
.9		2930	
1.1		3054	
4.0		4137	
5.0		4785	

Section n 296

Date: October - December 1971

SOUTHEAST →

