

SEZ. 2

UFFICIO CONTROLARI RICERCHE IDROCARBURI
APPENNINO SETTENTRIONALE

MONTE ACUTO PERMIT

CDP fold 6
Display 000 Stack

Scale 1 km

Datum plane at 0m
Homogeneity velocity 2500m/s

PROCESSING

- AMPLITUDE RECOVERY
- EDITING
- NMO CORRECTIONS (CNMO at 1/16 SI)
- STATIC CORRECTIONS
- BAND PASS FILTER 12 / 67.5
- STATIC CORRECTIONS ANALYSIS (BNCS)
PENE-INS 3000 - 3700 ms
- STACK 600 % FOLD
- TIME VARIANT FILTER 17-50 10-40
- TRACE EQUALIZATION
- DISPLAY TNR 90 WITHOUT FILTER



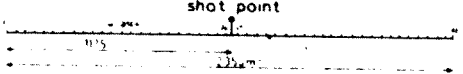
Date Oct. 7/71
Checked CHARLIER

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I Recording technic

- 1 LAND SURVEY
Shot point 143 192
Coordinates & elevations by Tacheometer WILD To and map 1/25,000
- 2 DRILLING
143 192
Drilled by WIRTH
Drilling conditions many difficulties
- 3 SPREAD
SHOT POINT
No. of holes: 1 Unit charge: 18 kg
Depth: 20, 24 m Total charge: 18 kg
Offset: 0, 60 m
Shot hole pattern: to the line
GEOPHONE SPREAD
Nb of traces: 24 x 24 S.P. spacing: 200m
Nb of geophones tr.: 24 traces spacing: 50m
Shot Center shooting inner trace distance: 25m
Geophone pattern: two lines

SPREAD CONFIGURATION



II Recording parameters

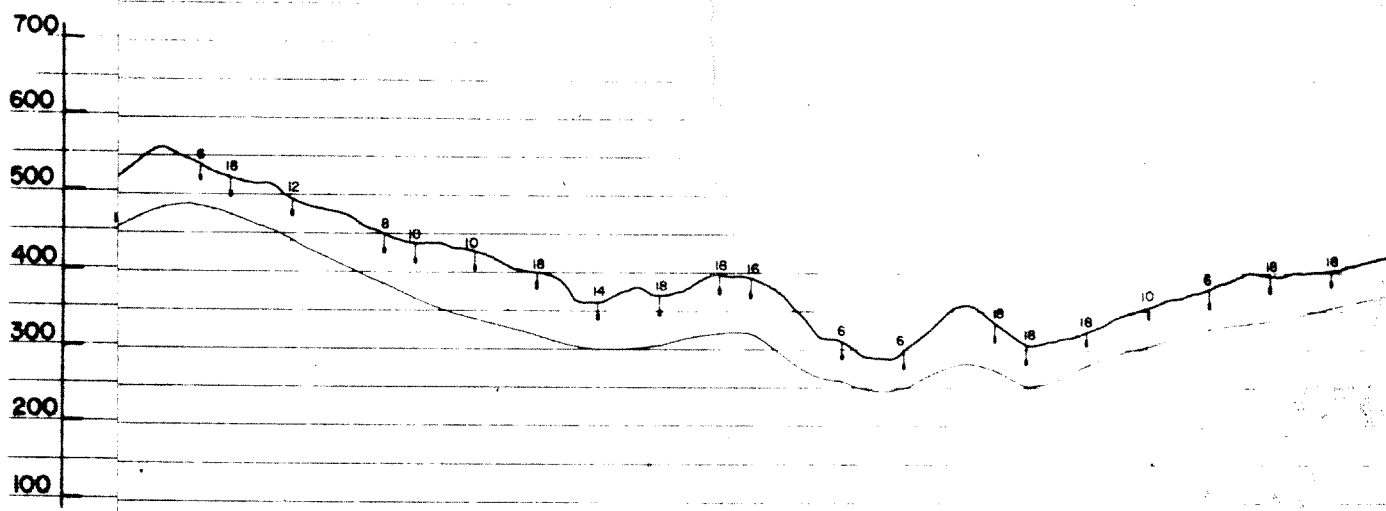
RECORDING DFS III	GEOPHONES type MSJ
EQUIPEMENT 21 Tracks 48 Channels	frequency 14 cps
AMPLIFIERS	FILTERS
Fixed gain 36 db	12 / 18 - 124
Delay 256-384	
Final gain 90 db	
Length of record	

III - Surface corrections

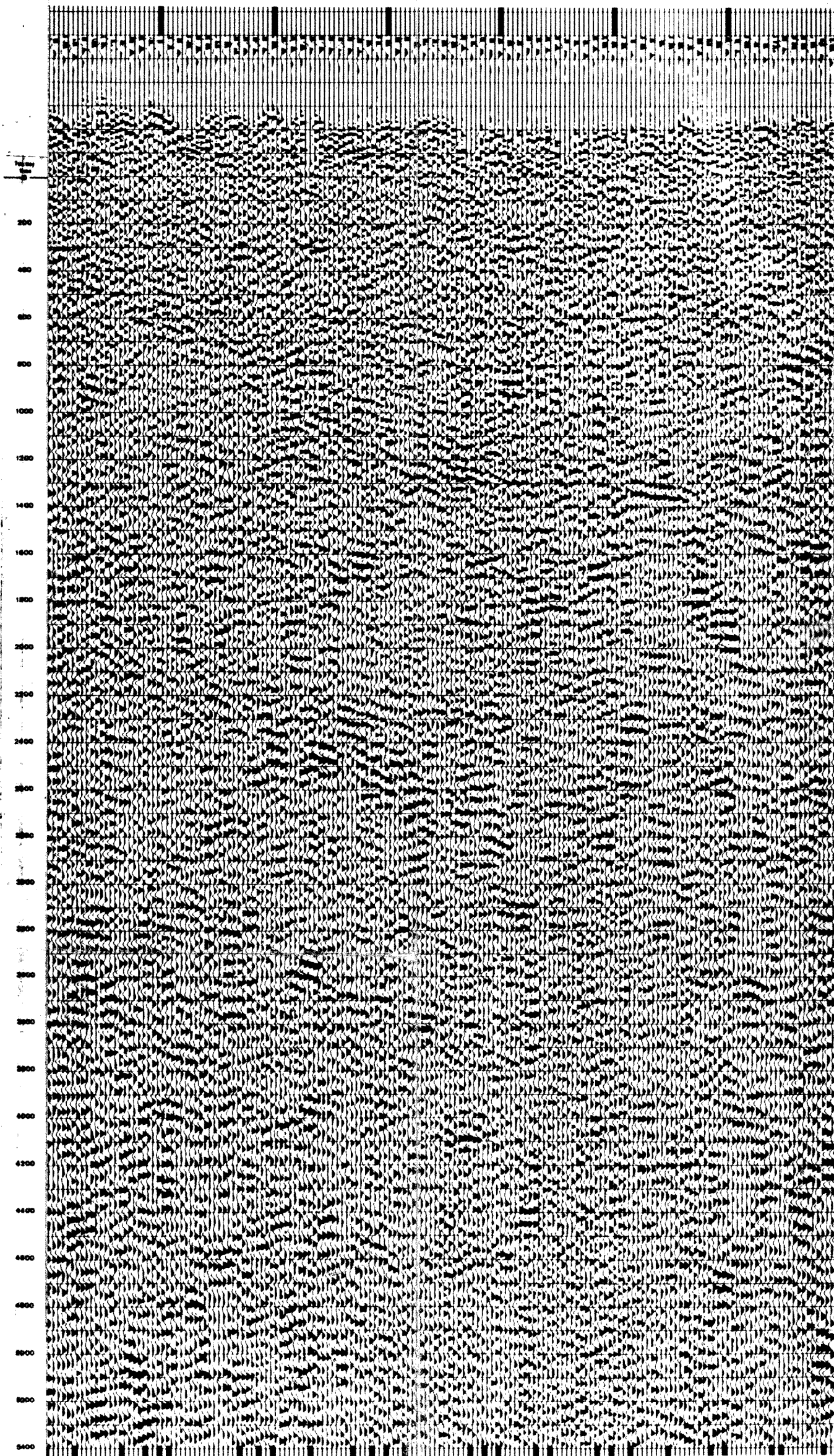
- 1 METHOD Delay-time method
- 2 VELOCITIES First velocity 1500 m/s
Reduction to the datum plane variable UCRIS elevation method

Comments

Recorded 06/09 to 08/09, 1971



STAT CORR. Max. D/Ch/Tch 23 165 21/10/25 121 21/6/21 141 23/6/26



Time (ms)	AVERAGE VELOCITY	VELOCITY PROFILE
200	3500	
400	3600	
600	3500	17-50
800	3718	
1000	3850	
1200	3937	
1400	4000	15-45
1600	4125	
1800	4222	
2000	4300	
2200	4483	
2400	4476	
2600	4461	
2800	4500	
3000	4533	
3200	4562	
3400	4580	
3600	4611	
3800	4631	
4000	4659	
4200	4666	10-45
4400	4681	
4600	4698	
4800	4708	
5000	4728	
5200	4730	
5400	4740	
5600	4750	
5800	4758	
6000	4766	