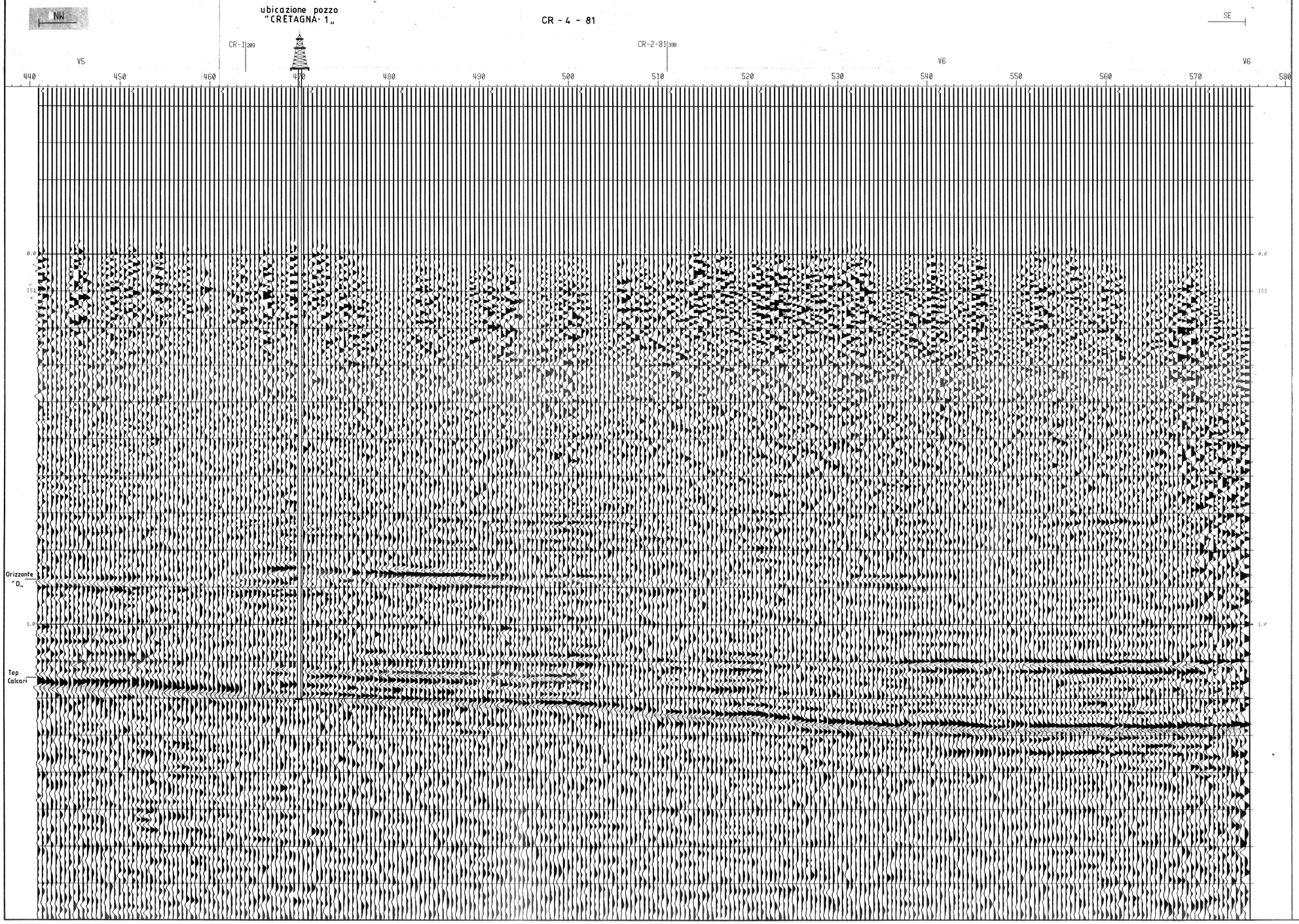

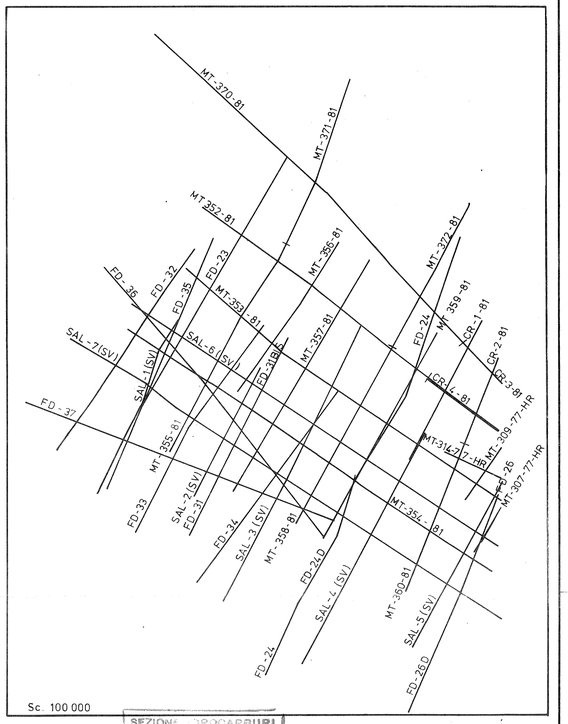

SEZIONE IDROCARBURI
POLI
- 9 AGO. 1983
4590
Scat.
Prodotto

RECORDING

FIELD PARTY: R.I.G IX. G. KOLZEM

CONTRACTOR: R.I.G., CONTRACT NO. 2560012
RECORDING PERIOD: OCTOBER-NOVEMBER 1981

FIELD SYSTEM: DFS IV. 60 CHANNELS
TAPE FORMAT: SEG - C. 9 TRACK. 1600 BPI
POLARITY OF SYSTEM: SEG-CODE 0001

SUBSURFACE COVERAGE: 10 FOLD

RECORD LENGTH: 7 S. SAMPLING RATE: 2 MS

FILTER: LOWCUT 12 HZ 18 DB/OCT
HIGHCUT 124 HZ 72 DB/OCT
NOTCH FILTER: 50 HZ

GAIN CONTROL: I.F.P. + CONSTANT GAIN 24 DB

RECEIVER TYPE: SM 4 (10 HZ)
NO. OF GROUPS 60. SPACING 30 M
GROUP LENGTH 40 M. 48 RECEIVERS PER GROUP
RECEIVER ARRAY:

1.74M
< >
X
40 M

EMITTER ARRAY:
POINTSHOT

ENERGY SOURCE: EXPLOSIVE
SPACING: 90 M
CHARGE: 1 KG - 6 KG
CHARGEDEPTH: 27 M - 45 M
EMITTER RECEIVER CONFIGURATION:

NW ----------> SE

1 30 31 60
[----------] X [----------]
<---- 870 M ----><15M><15M><---- 870 M ---->

PROCESSING

INPUT CREW: ROSILIUS/DIPL.GEOPHYS. BROETZ

SUPERVISOR: DIPL.GEOPHYS. BAUMANN

CONTRACT NO. 3480012 DATE: 30.04.82

1 INPUT: TAPE FORMAT: SEG-C. 9 TRACK. 1600 BPI
SAMPLING RATE 4 MS. 60 TRACES

3 ANTIALIAS FILTER: HIGHCUT 90 HZ 24 DB/OCT

2 GAIN REMOVAL

4 CORRECTION OF SPHERICAL DIVERGENCE

5 DECONVOLUTION: TYPE PREDICTIVE
TIMEVARIANT. 2 GATES
GATE LENGTH: FIRST 300MS-2600MS
SECOND 3700MS-5800MS
PREDICTION INTERVAL: 4 MS AT FIRST GATE
16 MS AT SECOND GATE
LENGTH OF OPERATORS: 160 MS. PREWHITENING FACTOR: 1%

6 STATIC CORRECTIONS. DATUM LEVEL: SEA LEVEL
CORRECTION VELOCITY: 2000 M/S
(CALCULATED BY THE FIELD PARTY)
INCL.ASTA

7 DYNAMIC CORRECTIONS DERIVED FROM
VELOCITY ANALYSES (GERA)

8 SHOT-GEOPHONE-AMPLITUDE CORRECTION

9 HORIZONTAL STACKING: 10 FOLD

10 FREQUENCY FILTER

TRAVEL TIME	LOWCUT		HIGHCUT	
S	HZ	DB/OCT	HZ	DB/OCT
0.0 - 3.4	10	24	90	24

11 CONSTANT SCALING

12 DISPLAY
SCALE: 1:6250. 1 S = 20 CM
TRACE SPACING 2.4 MM
POLARITY: POSITIVE NUMBERS = BLACK

• 700/04/82 C

SNIA DIVISIONE MINERARIA MILANO

All. n° 1

PERMESSO "CRETAGNA"
UBICAZIONE POZZO "CRETAGNA-1"
LINEA CR-4