RECORDING

MARCA DI BOLLO 28 MAG 1987 LIRE 500

FIELD PART: [illegible]

CONTRACTOR: [illegible]

RECORDING PERIOD: NOVEMBER 1987

FIELD: [illegible] CHANNEL
[illegible]

COMPUTER: [illegible]

SUBSURFACE COVERAGE: [illegible]

RECORD LENGTH: [illegible]

FILTER: LOW-CUT 18 HZ 18 DB/OCT
HIGH-CUT 124 HZ 72 DB/OCT
NOTCH FILTER 50 HZ

GAIN CONTROL: [illegible]

RECEIVER TYPE: [illegible]
NO. OF GROUPS 48, SPACING 40 M
GROUP LENGTH 45 M, 3 RECEIVERS PER GROUP

RECEIVER ARRAY:

[illegible] M

EMITTER ARRAY:
SINGLE HOLE SHOT

ENERGY SOURCE: [illegible]
CHARGE: [illegible]
CHARGE DEPTH: 18 M - 30 M

EMITTER RECEIVER CONFIGURATION:

[illegible] NE

[illegible]

REMARKS:

CLIENT REPRESENTATIVE: MR. R. RAMELLA.
APPOINTED BY AGIP - ELSI - SEISMIC DEVELOPEMENT
AND DATA PROCESSING DEPARTMENT - S.DONATO M.SE - ITALY

PROCESSING

INPUT: [illegible] EL [illegible]
OPERATOR: [illegible]
AGIP CONTRACT NO. [illegible]
PRAKLA-SEISMIC PROCESSING NO. 85-5-[illegible] DATE: 11.11.1[illegible]

1 INPUT: TAPE FORMAT: [illegible] 9 TRACK, 6250 BPI
SAMPLING RATE 2 MSEC, 48 TRACES
2 GAIN REMOVAL
3 ANTIALIAS FILTER: HIGH-CUT 90 HZ 24 DB/OCT
4 RESAMPLING: SAMPLING RATE 4 MSEC

5 STATIC CORRECTIONS (CALCULATED BY THE FIELD PARTY):
CORRECTION VELOCITY: 2000 M/SEC, DATUM PLANE: 400 M
RECALCULATED FOR INTERMEDIATE TIME LEVEL CORRECTION
6 CORRECTION OF SPHERICAL DIVERGENCE
7 MINIMUM-PHASE TRANSFORMATION OF RECORDER AND GEOPHONE RESPONSE

8 STATIONARY FREQUENCY FILTER

	LOW-CUT		HIGH-CUT	
MSEC	HZ	DB/OCT	HZ	DB/OCT
0-3500	8	48	90	96

9 DECONVOLUTION: TYPE PREDICTIVE, PREWHITENING FACTOR 1[illegible]
TIMEVARIANT, 2 GATES, OPERATOR LENGTH: 120 MSEC

SHOTWEAR	SHOTFAR	100% TIME	PRED. INTERVAL
MSEC	MSEC	MSEC	MSEC
500-2500	1100-3100	1800-3000	32 CDP 258 [illegible]
2500-4500	3100-4500	2200-3800	8 CDP 700 [illegible]
			16 CDP 1070 [illegible]

10 DYNAMIC CORRECTIONS DERIVED FROM VELOCITY ANALYSES (CVS AND CDP GATHER)
11 AUTOMATIC STATIC CORRECTIONS
GATE: 500 MSEC - 2200 MSEC

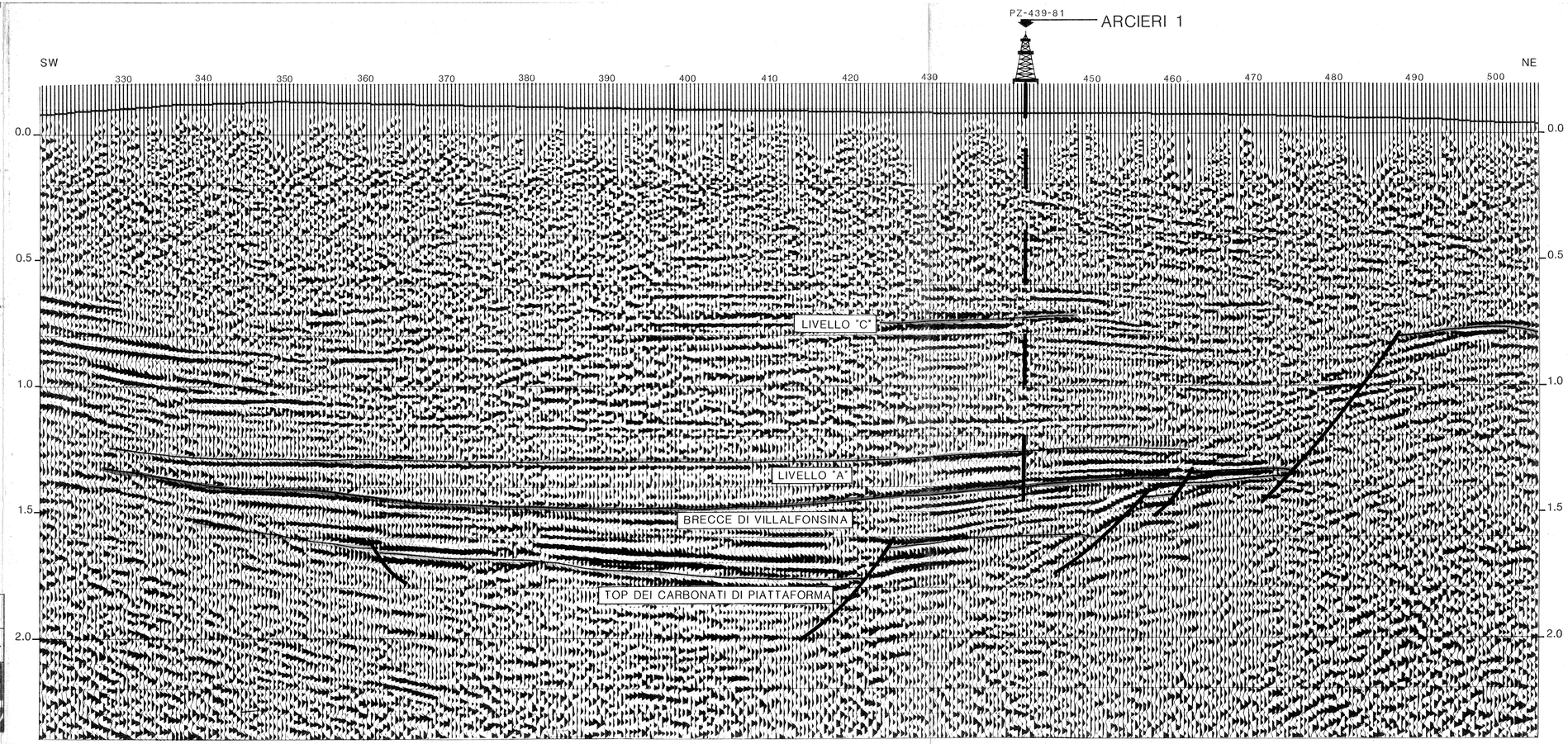
12 NORMALIZATION USING AVERAGE VALUES (8 GATES, SEE TABLE
13 HORIZONTAL STACKING: 12 FOLD
14 BLOCK CORRECTION: 600 MSEC
15 CORRECTION FROM INTERMEDIATE TIME LEVEL TO DATUM PLANE 400 M, CORRECTION VELOCITY: 2000-2800 M/SEC
16 COHERENCY FILTER
17 ZERO-PHASE TRANSFORMATION
18 TIMEVARIANT FREQUENCY FILTER (CDP-DEPENDENT)

100% TIME	LOW-CUT		HIGH-CUT	
MSEC	HZ	DB/OCT	HZ	DB/OCT
500	15	24	70	48
800	14	24	50	48
2500	12	24	45	48
3600	10	24	40	48

19 NORMALIZATION USING AVERAGE VALUES (7 GATES, SEE TABLE
20 DISPLAY
SCALE: 1:12500, 1 SEC ≙ 10 CM
TRACE SPACING: 1.6 MM
POLARITY: POSITIVE NUMBERS ≙ BLACK

• 0641/11/85 A

TIMES REFER TO INTERMEDIATE TIME LEVEL



SORI	dis. n. 546B/3	data APRILE 1987	S. 1:12500	allegato 3
	ACERENZA REPROCESSING 1985 LINE PZ-328-78 (SP 129-652) COHERENCY FILTER TVF 12 FOLD			855 30

PRAKLA-SEISMIC