MAXIPULSE SYSTEM

LINE : AC-39

S.P. 1 TO S.P. 45

DATUM PLANE : SEA LEVEL

EAST

27 MAG. 1980
2077

AGIP — DIREZIONE MINERARIA

AREA : SICILIAN CHANNEL PROSPECT ZONE C

WESTERN GEOPHYSICAL COMPANY OF AMERICA

RECORDING DATA

PARTY No	WGC P-62
ENERGY SOURCE	MAXIPULSE
FILTER	OUT-OUT
CABLE	48 GROUPS-2400m
GEOPHONES	20 CRYSTAL ELEMENT
EVENLY SPACED	1 52m APART
LEAD IN	187 45m
AMPLIFIER SDS	BINARY GAIN
CHARGE SIZE	8 0zs NCN
GUN DEPTH	12m
AVG CABLE DEPTH	14m
DATE SHOT	JULY-AUGUST 1971

PROCESSING INFORMATION

DECON BEFORE STACK

TIME VAR MIN PHASE INVERSE FILTER	
AUTO CORR INT	2 EQUAL ZONES/TRACE
SEARCH ZONE	32ms — 160 ms
OPERATOR LENGTH	SEARCH ZONE
TIME ZONE	0 — 5.0 Sec
ITERATIONS	1

DECON AFTER STACK

TIME VAR MIN PHASE INVERSE FILTER	
AUTO CORR INT	2500ms
SEARCH ZONE	2nd '0' Xing — 240ms
OPERATOR LENGTH	SEARCH ZONE
TIME ZONE	0 — 5 Sec
ITERATIONS	1

TIME VARIANT FILTER

TIME ZONE	L C Hz	L C dB/OCT	H C Hz	H C dB/OCT
100 - 600	15	24	60	48
600 - 1600	10	24	50	48
1600 - 2600	6	24	30	48
2600 - 5000	4	24	21	48

PROCESSING SEQUENCE

1) EDIT (FIXED POINT)
2) DEBUBBLE(ADJACENT TR's SUMMED)
3) DECONVOLUTION BEFORE STACK
4) 2400% STACK
5) DECONVOLUTION AFTER STACK
6) TV FILTER
7) PLAYBACK

V VELOCITY ANALYSIS
VELOCITIES INTERPOLATED BETWEEN POINTS OF APPLICATION
CORRECTION TO SEA LEVEL = 0 ms
REEL NO 6469 8 A
DATE NOV 1971

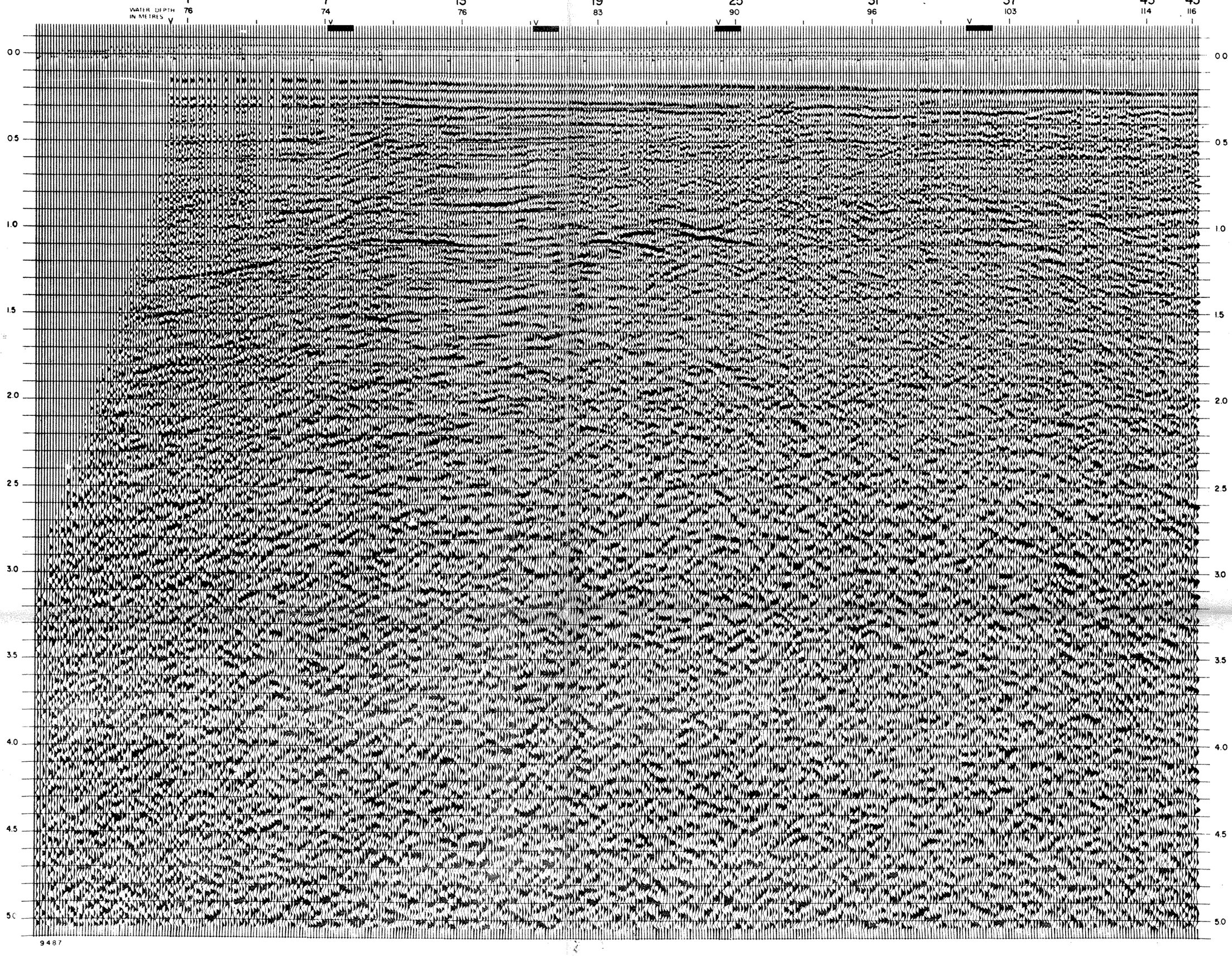
1 Km

INTERSECTION LINE S P AC-38 81

INTERSECTION LINE S P AC-40 79

WATER DEPTH IN METRES

1	7	13	19	25	31	37	43	45
76	74	76	83	90	96	103	114	116



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