THE AQUAPULSE SYSTEM

LINE : ES-125

S.P. 417D to S.P. 327

DATUM PLANE: SEA LEVEL

AGIP

AREA : SARDINIA - ASINARA

PROSPECT : ZONE "E"

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
MILAN DIGITAL CENTER

RECORDING DATA

PARTY NO	62
ENERGY SOURCE	AQUAPULSE
FILTER	10-80 HZ
CABLE	1600 m
GEOPHONES	32 CRYSTAL ELEMENT TAPERED ARRAY
LEAD IN	650 FT
AMPLIFIER REDCOR	BINARY GAIN
CHARGE SIZE	4 GUNS POP
DATE SHOT	APRIL 1968

PROCESSING INFORMATION

SAMPLE RATE 2 ms

DECONVOLUTION

DECONVOLVED BEFORE STACK

AUTO CORR INT	TIME VARIANT
MAX APERTURE	0-360 ms.
TIME ZONE	0-4 sec.
ITERATIONS	4

TIME VARIANT FILTER

TIME ZONE	LC Hz	LC dB OCT	HC Hz	HC dB OCT
0.00 - 0.40	25	18	50	12
0.40 - 0.60	15	12	45	12
0.60 - 1.30	10	12	40	12
1.30 - 4.00	10	12	35	12

PROCESSING SEQUENCE

1) EDIT - (SUM 3 POPS)
2) DECONVOLVED BEFORE STACK
3) NORMAL MOVE OUT
4) STACK 1200%
5) T.V. FILTER
6) PLAYBACK (UNFILTERED)

REEL NO. 72 095
DATE JULY 1968

WEST

INTERSECTION LINE ES-228 S.P. 226

VELOCITY CHANGE

M-MESA 5015

M-MESA 5034

417D	411	405	399	393	387	381	375	369	363	357	351	345	339	333	327
33	35	37	37	37	37	37	37	37	37	37	37	37	37	37	37

WATER DEPTH IN METRES

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 6.0