

B83-255  
SP 853

B83-254  
SP 825

B83-253  
SP 828

B83-252  
SP 902

B83-251  
SP 1231

B83-250  
SP 1262

B83-249  
SP 1292

B83-248  
SP 1271

B83-247  
SP 1227

B. R149. AG

LINE B83-241A

S.P. 300 TO 735

2800PCT, DBS, DAS, TVF.

REGIONE IGT  
di ROMA

NORTHEAST

28 OTT. 1985

Prof. N. 10732

DIS. N°	DATA	ALL.
2425/5	SETTEMBRE 1985	2

ORIG. SP. 735

ORIG. SP. 300

CRISTINA 1

W.D.



W.D.



AGIP

WESTERN RICERCHE GEOFISICHE  
MILAN - ITALY

AREA: ADRIATIC SEA  
PROSPECT: OFFSHORE KATIA

CONTRACT NO. PPR  
DATE OF RECORDING: JANUARY 1984  
DATE OF PROCESSING: MAY 1984

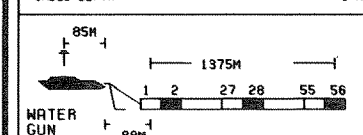
RECORDING DATA

SHOT BY: BOAT  
VESSEL: HORIZON EXPLORATION  
NORTHERN HORIZON

SOURCE: SODERA WICA-1  
NUMBER OF GUNS: 0  
TOTAL CAPACITY: 640 CU. IN.  
PRESSURE: 2000 P.S.I.  
DEPTH: 6 M  
NUMBER OF POPS PER S.P.: 1  
S.P. INTERVAL: 25 M

RECORDING SYSTEM: DFS-V  
TAPE: 1/2 IN. 9 TRACK  
FORMAT/BPT: SEC-B/1600 BPT  
SAMPLE RATE: 1 MS  
RECORD LENGTH: 6 SEC  
GAIN CONSTANT: 40 DB  
FILTERS: LOW-CUT 12 HZ. 18 DB/OCT  
HIGH-CUT 256 HZ. 72 DB/OCT

STREAMER: 1500 M  
TYPE: PAROLA SE (5MDS)  
HYDROPHONES PER GROUP: 30  
GROUPS: 58  
GROUP INTERVAL: 25 M  
ANTENNA FROM CENTER OF NEAR GROUP: 163 M  
FROM SOURCE: 95 M  
SOURCE TO CENTER OF NEAR GROUP: 68 M  
CENTER OF NEAR GROUP TO FAR GROUP: 1375 M  
CABLE DEPTH: 6 M



SCALES: HORIZONTAL: 4 CMS/KM  
VERTICAL: 5 CMS/SEC

LEGEND: VELOCITY FUNCTION, INTERSECTIONS, W.D., WATER DEPTH, USING WATER VEL. 1480 M/SEC, VELOCITY ANALYSIS, 0 COPS PER ANALYSIS

G.C. FOR W.G.C. *Jamesofra*

PROCESSING SEQUENCE

DEMULTEX: SUBSAMPLED TO 2 MS  
DESIGNATURE: D.B.S.  
DECOR TYPE: MIN PHASE INVERSE FILTER  
WINDOW LENGTH: 2 X 2500 MS  
OPERATOR LENGTH: 240 MS  
MIN PREDICTION DISTANCE: 2 MS  
PERCENT WHITE LIGHT: .1 PCT  
GEOMETRIC SPREADING APPLIED  
TRACE BALANCE ON OUTPUT

VELOCITY ANALYSIS

MATRIX FUNCTION VELON PLUS  
CONSTANT VELOCITY STACK  
2800% N.M.O. STACK

MUTE APPLIED  
DYNAMIC CORRECTION

D.A.S.

1. SHAPED TO ZERO PHASE STATISTICAL APPROACH  
2. RESIDUAL GEOMETRIC SPREADING COMPENSATION  
3. SPECTRAL WHITENING WITH FREQUENCY BOUNDARY LIMITED TO 10-24 110-88 142-68/OCT

TIME VARIANT FILTER

TIME (SECS)	LC (HZ-DB/OCT)	HC (HZ-DB/OCT)
0.1	15 - 24	110 - 48
1.5	15 - 24	110 - 48
2.0	15 - 24	90 - 48
2.5	10 - 24	70 - 48
4.0	10 - 24	45 - 48
6.0	10 - 24	40 - 48

FILTERS ARE INTERPOLATED BOTH SPATIALLY AND TEMPORALLY. TIMES WERE ADJUSTED TO FOLLOW THE GEOLOGIC STRUCTURE AT APPROX. 1500 MS.

RMS GAIN

GAIN WINDOWS INCREMENT FROM 250 MS TO 1000 MS.

COMMENTS

DRIFT PLANE IS SEA LEVEL  
COMPRESSION PULSES SHOWN AS NEGATIVE NUMBERS ON TAPE AND PLOT AS TROUGHS (WHITE).  
GUN AND CABLE CORRECTION OF THIS APPLIED.

