

B. R149. AG

DIS. N°	DATA	ALL
2425/6	SETTEMBRE 1985	1

ORIG. SP. 1070

LINE B83-254
S.P. 100 TO 1070

2800PCT, DBS, DAS, TVF.

SEZIONE 1 - DOCARBURI
CL. M.A.

28 OTT. 1985

Prod. N. 10732

SOUTHEAST

ORIG. SP. 100

W.D. 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1070 W.D.

76M 75M 76M 73M 71M 70M 68M 67M 65M 64M 61M 59M 53M 50M 47M 42M 35M 28M 25M



TOP MESSINIANO

TOP PIATTAFORMA CARBONATICA

B.P. 1524



WESTERN RICERCHE GEOFISICHE
MILAN - ITALY

AREA: ADRIATIC SEA
PROSPECT: OFFSHORE KATIA

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

RECORDING DATA

SHOT BY: HORIZON EXPLORATION
VESSEL: HORIZONTAL HORIZON

SOURCE

WATERGUN MODEL: SDBWA MICA-1
NUMBER OF GUNS: 800 CUL IN
TOTAL CAPACITY: 2000 P.S.I.
PRESSURE: 2000 P.S.I.
DEPTH: 4 M
NUMBER OF POPS PER S.P.: 4
S.P. INTERVAL: 25 M

RECORDING SYSTEM

MODEL: SP-1V
TYPE: 1/2 IN. 8 TRACE
FORMER/SP: SEC-B/1000 BPS
SAMPLE RATE: 1 MS
RECORD LENGTH: 6 SEC
GAIN CONSTANT: 40 DB
FILTERS: LOW-CUT 12 HZ: 18 DB/OCT
HIGH-CUT 200 HZ: 20 DB/OCT

SYNCHRONIZER

CABLE LENGTH: 1500 M
TYPE: PARALLEL BEADERS
HYDROPHONES PER GROUP: 30
GROUP: 50
INTERVAL: 25 M
ANTENNA: FROM CENTER OF NEAR GROUP
SOURCE: FROM SOURCE
CENTRE OF NEAR GROUP TO FAR GROUP: 1375 M
CABLE DEPTH: 6 M

DEMULTIPLEX

DECON TYPE: MIN PHASE INVERSE FILTER
MINIMUM LENGTH: 2 X 2000 MS
OPERATOR LENGTH: 200 MS
MIN PREDICTION DISTANCE: 2 MS
PERCENT WHITE LIGHT: 1.5
GEOMETRIC SPREADING APPLIED: 1.5 FT

VELOCITY ANALYSIS

MATRIX FUNCTION VELON PLUS
CONSTANT VELOCITY STACK

2800X,N,N,D,STACK

NOTE APPLIED
DIAGNOSTIC CONNECTION

U.H.S.

1. SHIPPED TO 2800 PAGES STATISTICAL APPROXIM
2. RESIDUAL GEOMETRIC SPREADING COMPENSATION
3. SPECIFIC INTERSECTION PRODUCTION NUMBER
LIMITED TO 10-20 110-08 102-08/0CT

TIME VARIATION FILTER

TIME FILTER
TIME(S) LC (HZ-DB/OCT) HC (HZ-DB/OCT)

0.5	15 - 20	110 - 08
1.0	15 - 20	110 - 08
2.0	15 - 20	90 - 08
3.0	15 - 20	70 - 08
4.0	10 - 20	45 - 08
6.0	10 - 20	40 - 08

NOTE: APPROXIMATE TIMES
FILTERS WERE INTERPRETED BOTH SPATIALLY AND
TEMPORALLY. TIMES WERE ADJUSTED TO FOLLOW THE
GEOLOGIC STRUCTURE AS APPROX. 1500 MS.

MS. GAIN

GAIN INCREASING INCREMENT FROM
250 MS TO 1000 MS.

LEGEND

VELOCITY FUNCTION
INTERSECTIONS
WATER DEPTH
USING WATER VEL. 1480 M/SEC
W.D.
VELOCITY ANALYSIS
6 COPS PER ANALYSIS

COMMENTS

DATUM PLANE IS SEA LEVEL
COMPRESSION PULSES SHOWN AS NEGATIVE NUMBERS
ON TRACE AND PLAT AS THROUGH UNITS.
GUN AND CABLE CONNECTION OF THIS APPLIED.

G.C. FOR W.G.C. *Francis Jones*

LINE LOCATION MAP

