

DATA APRILE 1984 ALLEGATO 2 DISEGNO N° 207/4

SEI APTURI  
19 MAR 1984  
3040  
Sea. Pos. 124

# GIULIANA 1

LINE D83-14  
S.P. 00 505

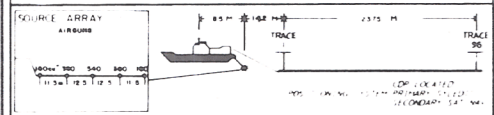


DB3-14E, 14ED

AGIP S.P.A.  
SITE D.R58.RI  
OFFSHORE ITALY

SEFEL  
DATE PROCESSED: MAR 1984  
REEL NUMBER:  
CONTRACT NUMBER: 8750032

**FIELD RECORDING**  
RECORDED BY: NORTHERN HORIZON EXPLORATION LTD  
DATE: 400, 1983 SYSTEM  
FORMAT: 200 B, 1000 BIT/GAIN  
ENERGY SOURCE:  
TYPE: AIRGUNS TOTAL VOLUME 1620 CUBIC FT  
ARRAY: 4 GUN/SEE 124M/DEPTH 5.7M  
TYPE AND #:  
LENGTH: 2000 M/NO. TRACES: 96 TO 1055  
DEPTH: 48 M/GROUP INTERVAL: 25 M  
ARRAY: 30 GEOPH. TR OVER: 25 M  
PARAMETERS:  
RECORDING TOOL: 48 S. P. SPACING: 25M LINEAR  
SAMPLE INTERVAL: 2 MS RECORD LENGTH: 6 SECS  
RECORDING FILTER: LOW PASS 1800 HZ HIGH PASS 10 HZ



**DIGITAL PROCESSING**

1. DEPHASE: 90° ANTI-ALIAS FILTER AND RE-SAMPLE TO 1/2000  
2. SORT: 48 FOLD COP SORT  
3. STATIC: 1/2000 DELAY REMOVED  
4. DEPHASE: INSTRUMENT PHASE RESPONSE REVERSE  
5. GAIN: SPHERICAL DIVERGENCE CORRECTION  
6. DECONVOLUTION: 1 PREDICTIVE OPERATOR  
7. VELOCITY ANALYSIS: VELOCITY VARIABLE VELOCITY STACKS AND GATHERS EVERY 30M  
8. MTD AND MUTE: MOVEOUT CORRECTION MUTE  
9. EDIT: 100% SECTION  
10. STACK: 48 FOLD COP STACK WITH PEG-LEG FILTER  
11. FILTER: CUT 100% 100% CUT TIME OFF PASS PASS OFF APPLIED  
12. EQUALIZATION: 400 100 25 50 1000-2000 WINDOW  
13. STATIC: 4800 DATA STATIC TO MSL  
14. DISPLAY: VAR WIGGLE GAIN/1000 BTAS 10% MAX. ENLARGEMENT

DECONVOLUTION  
REG OPERATOR GAP DESIGN APPLICATION WHITE  
LENGTH WINDOW WINDOW NOISE  
6 200 10 NEAR 200-2500 HMOLE TRACE 1%  
FAR 1950-2250 HMOLE TRACE 1%

ALL TIMES IN MILLISECONDS ALL FREQUENCIES IN HERTZ  
FILTERS AND DECONVOLUTION OPERATORS INTERPRETED LINEARLY BETWEEN APPLICATION TIMES

SAMPLE RATE: 480 HZ/SEC CORRECTION: 4800 TO MSL  
HORIZONTAL: 25000 VERTICAL: 500/SEC  
RECORDING POLARITY: COMPRESSION IS NEGATIVE NUMBER ON TAPE  
PROCESSING POLARITY: POSITIVE NUMBER SIZED BLACK PEAK

