SORI

LINEA AV-367-85WL

Data	Dis.N°	Allegato
Ottobre 1988	552/B4	**3**

PERMIT FØNTANARØSA
S.P. 1012-3165 (LINE 1,2,3)
SUBSURFACE ABCDE 3600% ALL DATA
PRESENTATI0N T.V.F.

TRIESTE DATA PRØCESSING CENTRE

066 Petty-Ray

MARCA DA BOLLO 25 OTT 1988 LIRE 500

TAURASI 1
(Proiettato)

AV-342-80 .DPNT.1002

RECØRDING PARAMETERS

PARTY	B.G.S. TD-199
RECØRDING DATE	FRØM 11 AUG T0 24 AUG 1985
INSTRUMENT	SN-348
DATA LENGTH	7 SECØNDS
SAMPLE RATE	2 MILLISECØNDS
SPREAD	32 SPLIT 975-225-0-225-975M ØN 3 LINES
FIELD FILTERS	LØWCUT 10 HZ-12 DB/ØCT
	ANTI-ALIAS 125 HZ
	50 HZ NØTCH IN
FIELD REELS	34320-1
FIELD FØRMAT	SEG-B

RECØRDING GEØMETRY

ENERGY SØURCE	DYNAMITE
SØURCE PATTERN	SINGLE HØLE
SØURCE CHARACTER	AVERAGE SHØT:DEPTH 27-30M,CHARGE 8-10KG
STATIØN INTERVAL	50 METRES
GEØPHØNE	SM4 10 HZ
GEØPHØNE PATTERN	RHØMBØIDAL ARRAY 65M X 8M, 24 GEØPHØNES
DATUM	400M
CØVERAGE	400%-3600%
SHØØTING DIRECTIØN	SØUTH EAST

PRØCESSING SEQUENCE

1) DEMULTIPLEX — T0 SEG-Y 32 BIT FLØATING PØINT
2) GAIN RECØVERY — REMØVAL ØF FIELD GAIN
3) AMPLITUDE RECØVERY — USING GAIN CURVE:GAIN(DB)=1.ST+4QLØG(10)T GAINEND=3500MS.
4) EQUALISATIØN — EXPANDING WINDØW EQUALISATIØN
5) PHASE CØRRECTIØN — REMØVAL ØF RECØRDING INSTRUMENT DISTØRTIØNS & CØNVERSIØN T0 MINIMUM PHASE
6) BINATIØN — ANTI-ALIAS FILTER & RESAMPLE T0 4MS.
7) GATHER — REARRANGE TRACES IN DEPTHPØINT ØRDER USING 25X25ØM BINS
8) DECØNVØLUTIØN — ØPERATØR ØF LENGTH 240MS.(INCLUDING PREDICTIØN DISTANCE) USING 2% WHITE NØISE
DESIGN WINDØW (NEAR TRACE) 200-2100MS. 24MS. PREDICTIØN
DESIGN WINDØW (NEAR TRACE) 1800-3700MS. 24MS. PREDICTIØN
9) STATIC CØRRECTIØNS — DEVIATIØN FRØM MEAN DEPTH PØINT STATIC
10) VELØCITY ANALYSIS — PRELIMINARY ANALYSIS USING CØNSTANT VELØCITY SCANS
11) AREST — SURFACE CØNSISTENT RESIDUAL STATICS
USING WINDØW: 200-3000 MS
12) VELØCITY ANALYSIS — CØNSTANT VELØCITY SCANS AFTER RESIDUAL STATIC CØRRECTIØNS
13) AREST — SURFACE CØNSISTENT RESIDUAL STATICS USING REVISED VELØCITIES
USING WINDØW: 200-3000 MS
14) NMØ CØRRECTIØNS — DERIVED FRØM CØNSTANT VELØCITY SCANS AND APPLIED T0 1MS ACCURACY
INTERPRETED VELØCITIES SHØWN IN METRES/SEC ØN SECTIØN HEADER
TIMES ANNATATED FØR VELØCITY FUNCTIØNS ARE FRØM SURFACE
CØRRECTIØNS CHECKED BY INSPECTIØN ØF C.D.S AND SINGLE CØVER SECTIØNS
15) TRACE SUPPRESSIØN — DERIVED FRØM CØMMØN DISTANCE GATHERS AND MUTE SCANS
DISTANCE(METRES)/TIME(MS.)
O/O 225/100 975/400
16) STATIC CØRRECTIØNS — MEAN DEPTH PØINT STATIC APPLIED REFERENCE 400M DATUM
TWØ-WAY MEAN DEPTH PØINT STATIC GIVEN IN HEADER PRØFILE
VELØCITY USED FØR STATIC CØRRECTIØNS: 2500 M/S
18) STACK — 3600%
19) PULSE SHAPPING — WAVELET EXTRACTIØN USING CØMPLEX CEPSTRUM & ØPERATØR APPLICATIØN T0 TRANSFØRM T0 ZERØ PHASE
21) FILTER — APPLICATIØN ØF 200MS ZERØ PHASE BANDPASS FILTER
TIME(MS) -340B ØDB ØDB -340B
0 8HZ 16HZ 45HZ 6ØHZ PRØRATING T0:
4000 4HZ 8HZ 3ØHZ 45HZ PRØRATING T0:
7000 4HZ 8HZ 25HZ 4ØHZ
22) BALANCE — DYNAMIC TRACE EQUALISATIØN USING 250 MS WINDØWS
23) DISPLAY — BENSØN PLØTTER
RECØRDING PØLARITY:UPWARD GRØUND VELØCITY EQUALS NEGATIVE NUMBER
DISPLAY PØLARITY: NEGATIVE NUMBER EQUALS WHITE TRØUGH
HØRIZØNTAL SCALE: 10 TRACES/CM
VERTICAL SCALE: 5 CM/SEC.

ANALYST: P.M.GUIDOTTI
DATE: JAN 1986

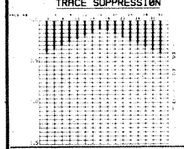
SCALE = 1: 25000

MILES 0 1 2
KILØMETRES 0 1 2

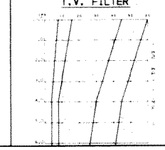
DATA PRØCESSED BY 066 TRIESTE Petty-Ray

CHECKED NAME ✓ DATE
APPRØVED NAME DATE

TRACE SUPPRESSIØN



T.V. FILTER



****** FILMING PARAMETERS ******
FILM REEL NUMBER -
GAIN VALUE - 170
PØLARITY - BLACK +VE
HØRIZØNTAL SCALE - 12.700 TR/IN
VERTICAL SCALE - 10.000 CM/SEC
FILMING DIRECTIØN - L/R
DATE FILMED - 17/02/86

INPUT REEL NUMBER - 99999

SEZIONE IDROCARBURI di NAPOLI
- 3 NOV. 1988
Prot. N. 6819
Sez. Posiz.