N.W.

ALB-05-87

ELEVATION IN METRES ABOVE MEAN SEA LEVEL

ONE WAY DOPPLER TEST STATIC SHIFTS

RESIDUAL REFLECTION STATIC SHIFTS 1ST PASS - LINE & REEL

RESIDUAL REFLECTION STATIC SHIFTS 2ND PASS - LINE & REEL

ALB-05-87

SOUTH-EAST

UBICAZIONE POZZO
" TORRENTE CALDANA 1 "

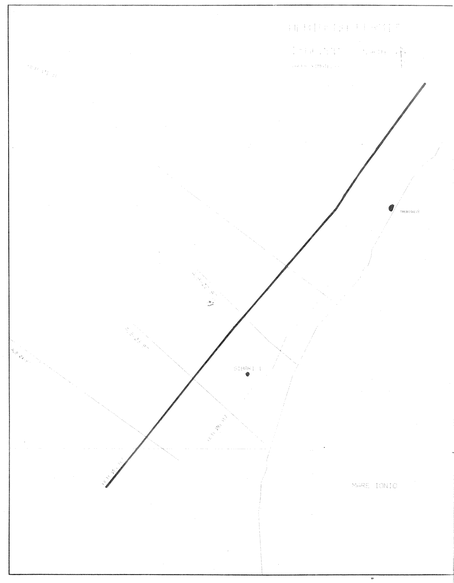
CDP
SP

A
B
D

ALB-87-5

ALB-87-5

SP
CDP



SNIA BPD

LINE: ALB-05-87
SP: 100 - 571
ALBIDONA PERMIT ITALY

FINAL STACK

RECORDING PARAMETERS

RECORDED BY:	S.I.R.A.L.	DATE SHOT:	1986/SEPT 87
PARTY:	SIRA 23	ENERGY SOURCE:	DYNAMITE
INSTRUMENT:	DFS V (I.L.)	GROUP INTERVAL:	30 M.
FIELD FILTER:	18 DB/OCT/@8(12) HZ.	SHOT INTERVAL:	150 M.
TAPE FORMAT:	SEG - 1600 BPI	NO. OF CHANNELS:	48
DATA LENGTH:	6 SECS	SPREAD:	SPLIT SPREAD SHOOTING
SAMPLE RATE:	2 MS	COVERAGE:	1000%
TAPE NOS.:	001-020		

FIELD CONFIGURATION

DYNAMITE

GROUP

PATTERN: SINGLE HOLE
CHARGE SIZE: 0.5 KG
HOLE DEPTH: 44 M.

PATTERN: TWO PARALLEL STRINGS
NO. ELEMENTS: 48 / 24
GEOPHONES: 40 / 14 HZ.
INTERVAL: 30 M.
BETWEEN PHONES: 3.9 M.

SPREAD DIAGRAM

SHOT 96 SP 96 1
STAT. 48 31 1 48
STAT. 1 1SPL 1SPL STAT. 48

DIRECTION OF SHOOTING N.E. TO S.W.

PROCESSING PARAMETERS

PROCESSING SEQUENCE OF STACK	PROCESSING SAMPLE RATE 4MS.
DEMULTIPLEX	FROM CONCATENATED SEGB 6250BPI DISC OF FIELD TAPES
AMPLITUDE RECOVERY	SPHERICAL DIVERGENCE CORRECTION APPLIED EXPONENTIAL GAIN 2.78/SEC TO 3 SECS. CONSTANT 18 DB GAIN 3.0 TO 6.0 SECS.
TRACE AND SHOT RECORD EDITING	FROM GC DISPLAYS INCLUDING SURGICAL MUTING OF SPIKES
COMMON DEPTH POINT GATHER	10 FOLD NOMINAL
FIELD STATIC CORRECTIONS	VALUES FROM FIELD SURVEY APPLIED TO A FLOATING DATUM PLANE
DECONVOLUTION BEFORE STACK	PREDICTIVE DECONVOLUTION OPERATOR LENGTH 24 MS. GAP DESIGN GATES 1.5 M. 2000 M.
INITIAL VELOCITY ANALYSIS	CONSTANT VELOCITY STACKS APPROXIMATELY 1.5 KM. INTERVAL 10 CDPS WITH DA VELOCITIES
RESIDUAL STATICS APPLICATION	SURFACE CONSISTENT FROM NMO/DIP CORRECTED GATHERS 11 TRACE PILOT 3 ITERATIONS 20 MS. MAXIMUM STATIC MULTIPLE GATES 1.0 - 2.0 SECS.
FINAL VELOCITY ANALYSIS	CONSTANT VELOCITY STACKS WITH RESIDUAL STATICS APPLIED APPROXIMATELY 1.2 KM. INTERVAL 20 CDPS WITH DA VELOCITIES AND WHOLE LINE CONSTANT VELOCITY PANELS
NORMAL MOVEOUT CORRECTION	FROM FINAL VELOCITY ANALYSIS
FIRST BREAK SUPPRESSION	OFFSET (M) v TIME (MS) 0 1500 3000 4500 1200 1200 1200 1200
TRACE EQUALISATION	500 MS. AGC
RESIDUAL STATICS APPLICATION 2ND PASS	SURFACE CONSISTENT FROM NMO/DIP CORRECTED GATHERS 11 TRACE PILOT 3 ITERATIONS 20 MS. MAXIMUM STATIC MULTIPLE GATES 1.0 - 2.0 SECS.
COMMON DEPTH POINT STACK	10 FOLD NOMINAL
TIME VARIANT FILTER	PASSBAND (HZ) TIME (SECS.) 8 - 40 0.0 - 1.0 8 - 30 1.0 - 3.0 8 - 20 3.0 - 6.0
TRACE EQUALISATION	USING PILOT GATE LENGTH 500 MS.
STATIC CORRECTION	FROM FLOATING DATUM PLANE TO DATUM + 0.0M.

DISPLAY PARAMETERS

ORIGINAL SCALE:	1:4,000 @ 1100DPI VERTICAL SCALE 12 CM/SEC.
DATE:	13 JANUARY 1988 BID NUMBER: 6357
POLARITY:	POSITIVE VALUES ON TAPE DISPLAYED AS A BLACK PEAK
PLOTTER:	BENSON/VERSATEC GREEN 200 DPI 50% OVERLAP 15% RMS

DIGITAL EXPLORATION LIMITED.
EAST GRINSTEAD.
W. SUSSEX. RH19 4HG
ENGLAND

PROCESSED ON A VAX 11/780.
USING DIGICON'S PROPRIETARY SOFTWARE