ALL. 1

SOCIETE NATIONALE ELF AQUITAINE
Boulevard Lucien Lefranc
Pau - Pau Sucre Pau
CP - B.P. 174 - 64018 PAU

29 APR 1993
2113

LINE IT90-201
PROFILES 137-~~144~~ 1100

FULL OFFSET MIGRATION

AREA APPENINES

CLIENT CHEVRON INTERNATIONAL LTD. ITALY
PROCESSED BY CHEVRON EXPL. & PROD. SERVICES CO.
DIVISION OF CHEVRON CORPORATION
HOUSTON DATA PROCESSING SYSTEM

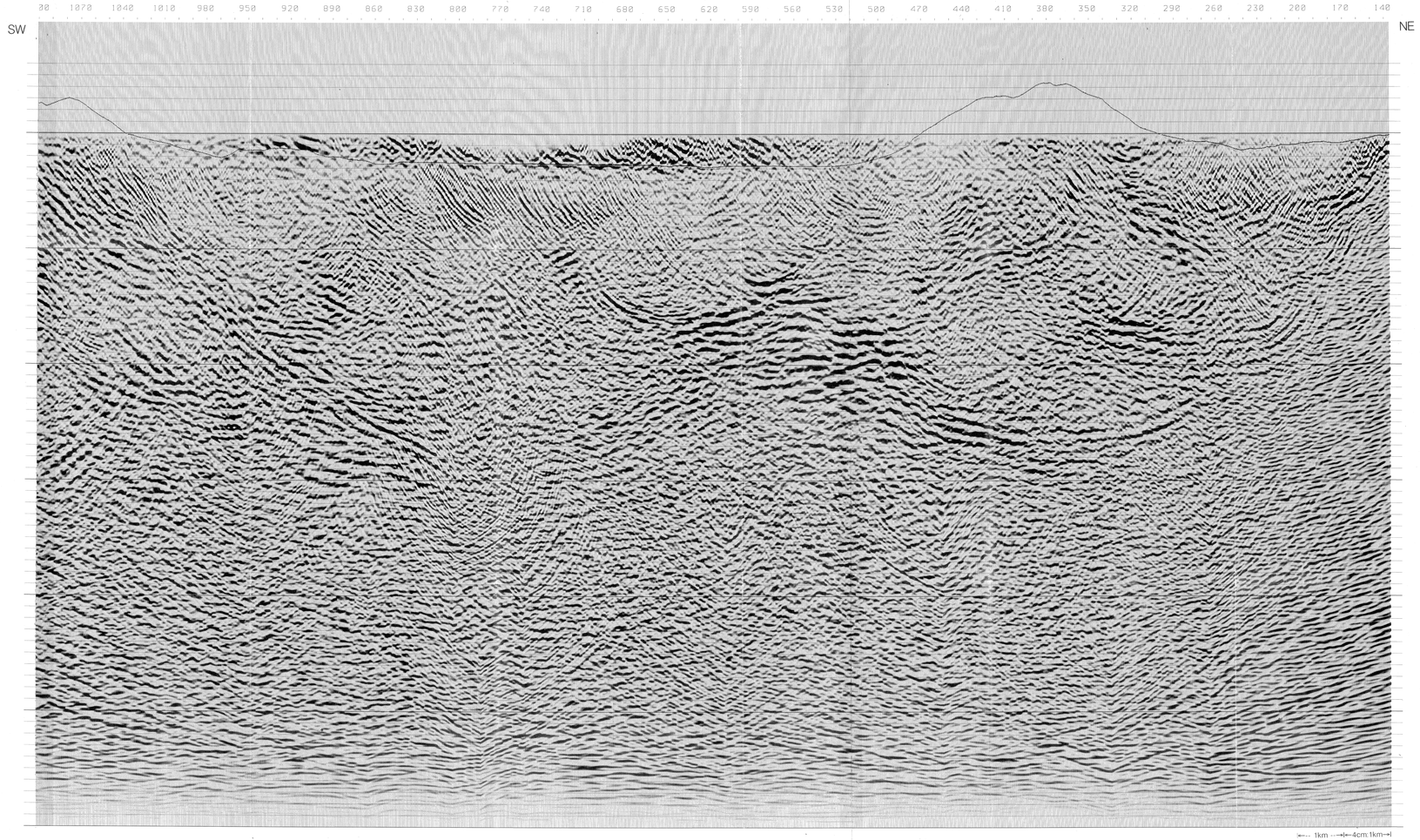
RECORDING PARAMETERS

CREW PANKLA	INST SER-300	FORMAT SEGD		SPREAD IN METERS
FLTR 8/18-88.8/70HZ	NOTCH OUT	SAMPLE INT. 4 MS		X-15----1N415 METERS
SOURCE DYNAMITE	1 HOLE	DEPTH 10-30 M		
CHARGE 5-20 KG	SHOT INT 100 M	GROUP INT 30 M		
NO. CHANNELS 480	COVERAGE 6000%	R S RECORD LENGTH		
SHOT SEPT. 1990	DATUM +1000 M	DIRECTION NE->SW		

PROCESSING FLOW

FORMAT TAPES
ASSIGN GEOMETRY
TRACE EDITING
GEOMETRICAL DIVERGENCE CORRECTION
NO NEAR SURFACE NOISE SUPPRESSION OR MUTE APPLIED
PROFILE AVERAGE SPIKING DECONVOLUTION - OP LEN = 200 MS
FIELD STATICS APPLIED TO 1000 M AMSL
GATE: NEAR OFFSET - 0.4 TO 4.5 SEC.
FAR OFFSET - 2.8 TO 4.5 SEC.
FILTER 6 HZ-120DB/OCT 55 HZ-36DB/OCT ZERO PHASE
TIME VARIANT AMPLITUDE EQUALIZATION - 1000 MS
VELOCITY ANALYSIS
SURFACE CONSISTENT RESIDUAL STATICS
NORMAL MOVE OUT CORRECTIONS
SOURCE STACK
SOURCE NOISE ATTENUATION
DIP FILTER
FILTER 8 HZ-180DB/OCT 50 HZ-36DB/OCT ZERO PHASE
TIME VARIANT AMPLITUDE EQUALIZATION - 1000 MS
TIME MIGRATION
FILTER 8 HZ-180DB/OCT 40 HZ-36DB/OCT ZERO PHASE
AMPLITUDE SCALING

PLOT- TRACES EQUALIZED
HORIZONTAL SCALE =16.67 TRACES PER CM (1:25000)
VERTICAL SCALE =10 CM/SEC



WIDE APERTURE DATA

WAVE EQUATION MIGRATION TIME SECTION

LINE IT 90-201
AREA APENNINES
PROFILES 137 - ~~144~~ 1100
COUNTRY ITALY
CLIENT CHEVRON INTERNATIONAL LTD ITALY
PROCESSED BY CHEVRON GEOSCIENCES COMPANY
DIVISION OF CHEVRON INDUSTRIES INC.
HOUSTON DATA PROCESSING SYSTEM

RECORDING PARAMETERS

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CREW: EGG          RECORDED:83/98    SPINT 30M    TR/PF 480    SAMINT 4MS
EQUIPMENT:GEOPH    INST:SERCEL/SEI   SPINT 10M    REC.SPN 8    PROCESS 4MS
SOURCE 8KG         TAPE FMT: SEGD    GAIN 18FP
CHRG: 5-20 KG      DEPTH:10-30 M     12 SEIPHONES SEIS TYPE SM-4 (8HZ
FILTER OUT-88.8                      NOMINAL SPREAD X-15-1441.5 M
DIRECTION NE-SW
LINE SEIFOR DATA:     LINEUP   RECORDED SPLANDED        (85)-01-08 (01:01:00
LINE SEIFOR DATA:     LINEUP   CORRECTED SPLANDED       (85)-01-08 (01:01:00
LINE SEIFOR DATA:     LINEUP   CORRECTED SPLANDED       (85)-01-24 (01:01:17
FORMAT DEFAULT        FMTDEFT  CORRECTED SPLANDED       (85)-01-24 (01:01:17
LINE SEIFOR DATA:     LINEUP   CORRECTED SPLANDED       (85)-01-24 (01:01:17
LINE GEOCHARS LIB FOR PROCS   CORRECTED SPLANDED       (85)-01-24 (01:01:17
GEOCHARS LIB FOR PROCS        CORRECTED SPLANDED       (85)-01-24 (01:01:17
RECEIVE GEOMETRY:     TAP      ORIGINAL SPLANDED       (85)-01-15 (15:00:54
RECEIVE GEOMETRY:     TAP      ORIGINAL SPLANDED       (85)-01-15 (15:00:54
RAW ASSIGNMENT:       TAP      ORIGINAL SPLANDED       (85)-01-15 (15:00:54
RAW ASSIGNMENT:       TAP      ORIGINAL SPLANDED       (85)-01-15 (15:00:54
SPECTRAL WATERFALL: CALCS/ LINE LOPPCT:1 CHECKT         (85)-02-14 (14:46:35
SPECTRAL WATERFALL:
NUMBER OF FILTER PRIMARY:  8.00 HZ                    8.00 HZ
NUMBER OF FILTER PRIMARY:  8.00 HZ   FILTER ACTIVE:   8.00 HZ
OPERATION LEVEL: 1.888 1.888 1.888 1.888 1.888 1.888 1.888 1.888
SPECTRAL WATERFALL: CALCS/ LINE LOPPCT:1 CHECKT         (85)-02-21 (20:06:38
AUTOMATICALLY LOAD ACADEMY
DEFINITION:
DEFINITION:
DEFINITION FILTER:    8.0HZ8 PERCENT
NUMBER OF FILTER PRIMARY:
DEFINITION:                   10 12HZ
DEFINITION:                   10 12HZ
DEFINITION FILTER SEIFOR: 8.0HZ 12HZ
DEFINITION:                   10 12HZ
DEFINITION:                   10 12HZ
CONV LINE: LINE LOPPCT:1 CHECKT  LINE LOPPCT:2 CHECKT   (85)-02-22 (21:14:48
SPECT: CONV:SEG: EXAT  CONV LOPPCT:2 CHECKT             (85)-02-22 (21:14:50
SPECT: CONV:SEG: EXAT  CONV LOPPCT:2 CHECKT
SORT: INT  LINE LOPPCT:2 CHECKT                         (85)-03-22 (23:16:49
SORT: INT
NORMAL MOVEOUT REMOVAL: MMOR  LINE LOPPCT:2  TRCH       (85)-04-07 (03:01:18
NMO REMOVAL BY SHIFTED HYPERBOLAS
NMO REMOVAL BY SHIFTED HYPERBOLAS
SPECTRAL WATERFALL: CALCS/ LINE LOPPCT:1
SPECTRAL WATERFALL: CALCS/ LINE LOPPCT:1                (85)-04-07 (03:03:3
TRACE: PRIM STACK
LINE LOPPCT:1 CHECKT: 0SD:0114
LINE LOPPCT:1
AREA APENINES
AREA APENINES  :485
COUNTRY ITALY
CLIENT CHEVRON INTERNATIONAL LTD ITALY
CREW:EGG       RECORDED:83/98   SPINT 30M    TR/PF 480    SAMINT 4MS
EQUIPMENT:GEOPH INST:SERCEL/SEI SPINT 10M    REC.SPN 8    PROCESS 4MS
SOURCE 8KG     TAPE FMT: SEGD   GAIN 18FP
CHRG: 5-20 KG  DEPTH:10-30 M    12 SEIPHONES SEIS TYPE SM-4 (8HZ
FILTER OUT-88.8                 NOMINAL SPREAD X-15-1441.5 M
DIRECTION NE-SW
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END COOLANDS CHECK CHECKS
PROCESS: PROCESS:PROCESS:PROCESS  DATE:(8)/(9)  TIME:  (88 MS (5): (88 MS (88):(
SPREAD: (5)(4) 8 88 (5) (4)(4) 8 (4) 88  MPT: (5)(4) 8 (4) 88  MPT: (5)(4) 8 (4) 88
(5)(5) 8 (4)(4) 8 (4) 88  (5)(5) 8 (4)(4) 8 (4) 88  (5)(5) 8 (4)(4) 8 (4) 88
(5)(5) 8 (4)(4) 8 (4) 88  (5)(5) 8 (4)(4) 8 (4) 88  (5)(5) 8 (4)(4) 8 (4) 88
FILTER: (5)(5) 8 (4)(4) 8 (4) 88  (5)(5) 8 (4)(4) 8 (4) 88  (5)(5) 8 (4)(4) 8 (4) 88
TAPE: TECHNOLOGY TAPE  DATE:(8)/(9)  TIME:(8)/(5)/(2)
TAPE: TECHNOLOGY TAPE  DATE:(8)/(9)  TIME:(8)/(5)/(2)
AVG: DETERMINATION:  (5)(4)(2)(8)(5)  DETERMINATION:
CONSTANT VELOCITY FOR PROCESSING
DEFINITION:
DEFINITION:
DEFINITION:  8.0 HMAX  DEFINITION:  8.0 VMAX :  8.0
DEFINITION:  8.0 FMAX  DEFINITION:  50.0 VMIN :  8.0
DEFINITION:  8.0 FMIN  DEFINITION:  50.0 FMAX :  50.0 VCRSE :  8.0
DEFINITION:  8.0 FMIN  DEFINITION:  50.0 FMAX :  50.0 VCRSE :  8.0
DEFINITION:  8.0 FMIN  DEFINITION:  50.0 FMAX :  50.0 VCRSE :  8.0
DEFINITION:  8.0 FMIN  DEFINITION:  50.0 FMAX :  50.0 VCRSE :  8.0
SPECT: 
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