ALL DATA AND INFORMATION SHOWN ON THIS CROSS SECTION ARE PROPRIETARY TO GEOPHYSICAL SERVICE INC. AND ITS AFFILIATED AND RELATED COMPANIES AND ARE PROVIDED TO LICENSEE ONLY UNDER AGREED TO RESTRICTIONS OF DISCLOSURE AND REPRODUCTION. THOSE RESTRICTIONS MAY BE WAIVED ONLY BY PRIOR WRITTEN AUTHORIZATION FROM GEOPHYSICAL SERVICE INC.

LINE SC85-309

S.P. 721 TO 101

GEOPHYSICAL SERVICE INC.
SOUTHERN
OFFSHORE CALIFORNIA

126 DEGREES → ← DIRECTION SHOT

MIGRATION

FIELD DATA

VESSEL	M/V INDIAN SEAL
GSI FIELD PARTY NO	2816
DATE SHOT	MARCH 1985
SURVEY SYSTEM	SYLEDIS
RECORDING SYSTEM	TRACE SEQUENTIAL RECORDER (TSR)
RECORDING FORMAT	SEGD GAPPED - INCREASE IN PRESSURE WRITES NEW BLOCK NUMBER ON TAPE
RECORDING DENSITY	6250 BPI
SAMPLE PERIOD	2 MSEC
RECORD LENGTH	6.0 SECONDS
GAIN CONSTANT	24 DB
RECORDING FILTERS	HIGH CUT - 128 HZ AT 72 DB/OCT LOW CUT - 8 HZ AT 18 DB/OCT
SEISMIC SOURCE	AIRGUN (4076 CU. IN. AT 2000 PSI)
AVERAGE SOURCE DEPTH	7 M (23.96 FT)
CABLE TYPE	MULTIPLEX STREAMER (MUX)
CABLE LENGTH	288 M (1,194.78 FT)
AVERAGE CABLE DEPTH	9 M (32.8 FT)
NUMBER OF GROUPS	192
GROUP INTERVAL	15 M (49.21 FT)
SHOT INTERVAL	30 M (98.43 FT)
MULTIPLICITY	48 FOLD
AVERAGE OFFSET	276 M (905.65 FT)

SPREAD DIAGRAM

DIGITAL PROCESSING

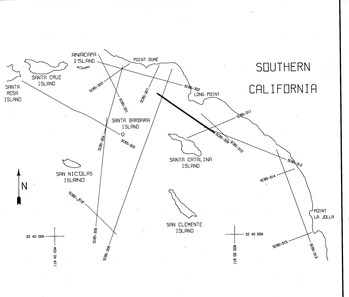
SYSTEM DELAY	-51.2 MSEC AIRGUN DELAY CORRECTION
TRUE AMPLITUDE RECOVERY	EXPONENTIAL SCALAR OF 6 DB/SEC WATER BOTTOM TO 4 SECONDS SPHERICAL DIVERGENCE CORRECTION
POLARITY	POLARITY RECORDED IN FIELD REVERSED IN PROCESSING
MUTE	
WAVELET PROCESSING	DESIGNATURE ALL 192 TRACES IN SHOT DOMAIN USED IN WAVELET ESTIMATE
VELOCITY FILTERING	PASS BAND -8 TO -5 MSEC/TR
TRACE DECIMATION	192 TO 96 TRACES
TRACE MIXING	1/4, 1/2, 1/4 MIX
TRACE WEIGHTED MUTE	FOR MULTIPLE ATTENUATION
SCALING	TRACE EQUALIZATION
NORMAL MOVEOUT CORRECTIONS	SEE SECTION HEADING FOR VELOCITIES
FIRST BREAK SUPPRESSION	SEE TAPER ON
COMMON DEPTH POINT STACK	48 FOLD
DECONVOLUTION	NUMBER OF OPERATORS 1 OPERATOR LENGTH WATER DEPTH GAP 90 PERCENT OF THE TWO WAY WATER TIME GATE 1.0 TO 2.0 SECONDS MSEC REFERENCE WATER BOTTOM
2D MIGRATION	F-K DIP CONTROLLED MIGRATION DIP=30
TIME VARIANT FILTERING	FILTER (HZ) TIME (MSEC) 8 - 45 WB - 1500 8 - 45 WB + 1500 8 - 35 WB + 2000 5 - 25 WB + 3000
TIME VARIANT SCALING	SQUARE ROOT OF AVERAGE AMPLITUDE SCALARS 100 MSEC WINDOWS FROM WATER BOTTOM
TIME VARIANT SCALING	100,150,200,500,1000 MSEC GATES START TIME -50 MSEC FROM WATER BOTTOM

DISPLAY

HORIZONTAL SCALE	- 40.640000	TR/IN	66.666667 TR/KM
VERTICAL SCALE	- 2.500000	IN / SEC	
TRACE MIX	- 1/4 NORMAL		
TRACE TYPE - BIAS	- WT/AMP	0.0 PERCENT	
DATUM	- SEA LEVEL		
DISPLAY UNIT	- 0.501122 CM		

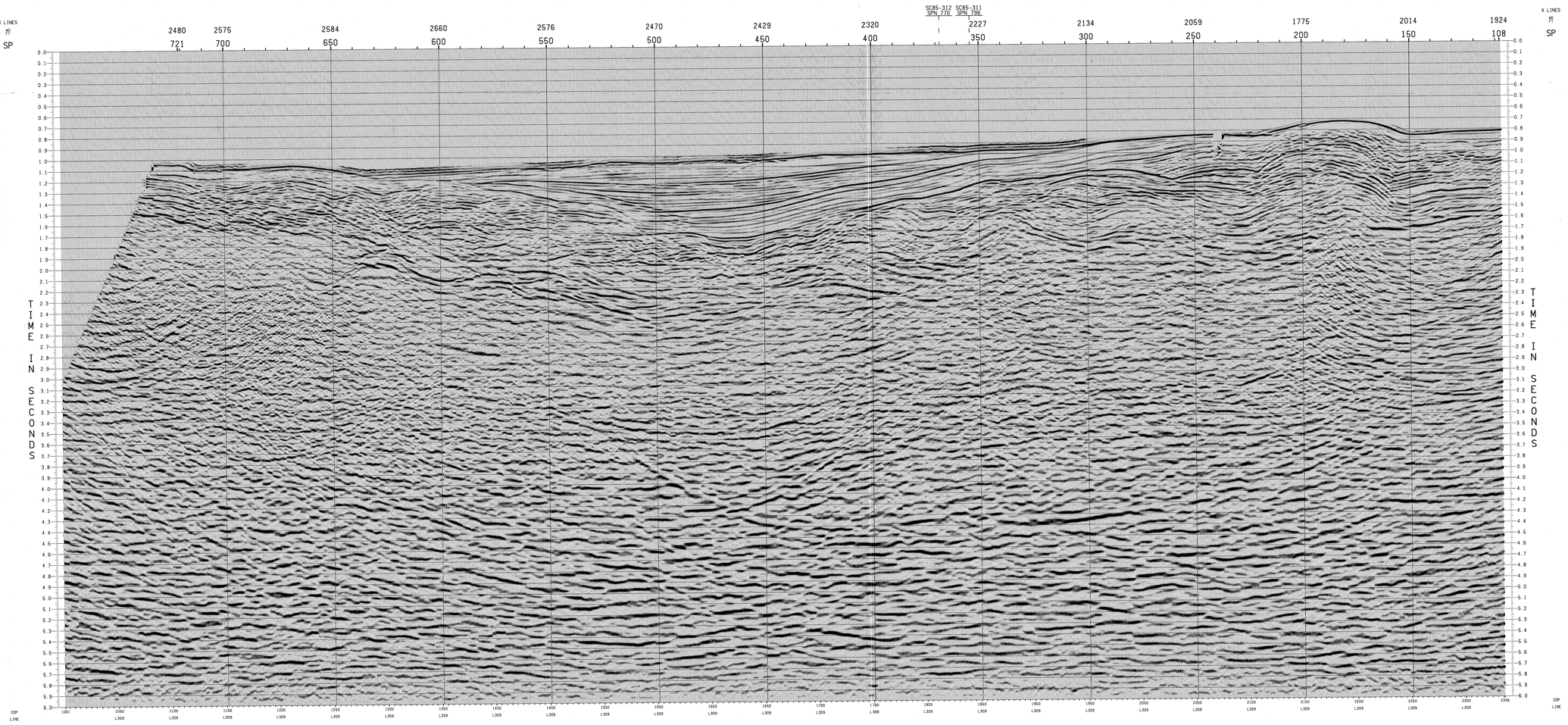
DISPLAY GAIN

CDP RANGE	SCLR	TIME WDO
INCL	INCL	INCL
1001	1336	0000
1336	1671	0000



DATE 06 JUL 1985
TIME 11:30:34

HOUSTON

GEOPHYSICAL SERVICE INC.
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

PROCESSING CHECKED BY -