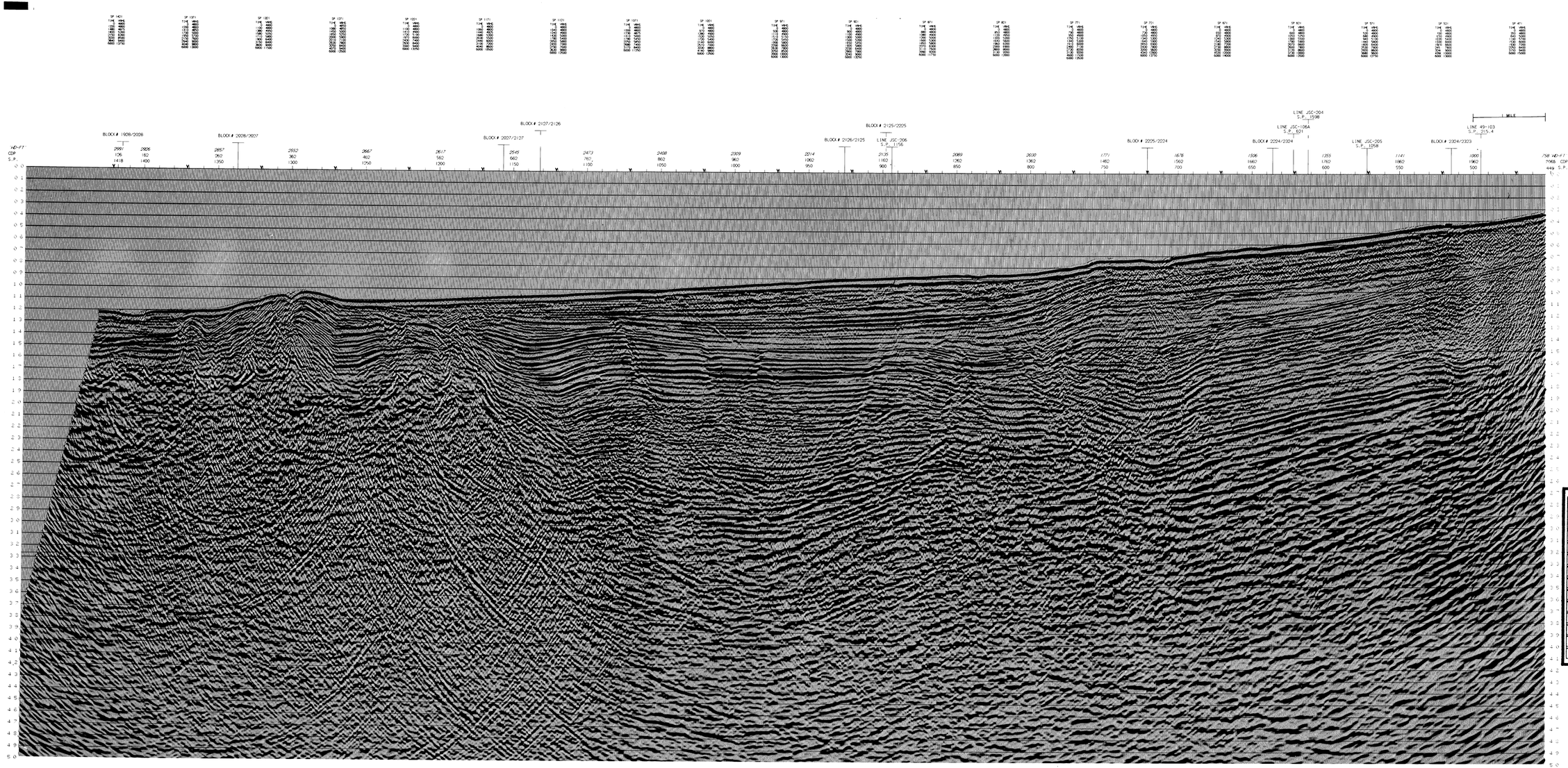


JEBCO

Proprietary Data - Outer Shelf

LINE JSC-106

SP-1418-449

NE

DIRECTION OF SHOOTING

PRE STACK MIGRATION

JEBCO SEISMIC
SOUTH COAST AREA
OFFSHORE CALIFORNIA

GeoCenter Houston, Texas

DATE PROCESSED OCT. 1988
REEL NUMBER 3381
CONTRACT NUMBER 6448

FIELD RECORDING

RECORDED BY G.S.I. PERMIT # CAL 88-505
DATE JUN 1988 SYSTEM TSR 004
FORMAT SEGD GAIN F.P.E.

ENERGY SOURCE

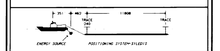
TYPE AIR-GUN 3580 CU INS 2000PSI, 51 2MS DELAY
ARRAY 64 GUNS DEPTH 23 FT

STREAMER

LENGTH 11808 FT NO TRACES 240
DEPTH 30 FT GROUP INTERVAL 49 FT
ARRAY 15 GEOPH./GROUP GEOPHTR OVER 49 FT

PARAMETERS

RECORDING FOLD 6000% S.P. SPACING 98 FT
SAMPLE INTERVAL 2 MS RECORD LENGTH 6 SEC
RECORDING FILTER LO-BNC 18DB/OCT HI-12BNC 72DB/OCT



DIGITAL PROCESSING

SEQ	PROCESS	PARAMETERS
1	DEMULTIPLEX	SUP BOOT, MPS DIFF ACC, 16 BIT
2	GAIN	APP MULTIPLY
3	CDP SORT	6000% TRACE GATHER
4	STATIC CORRECTION	SPR FOR GUN AND FOR GEOPHONE DEPTH, 2 MS GUN DELAY
5	DECONVOLUTION	SEE BELOW
6	CMP	VELOCITY, INTERCEPT SUP-INTERCEPT
7	VELOCITY ANALYSIS	DCS - 1500 MS/SEC
8	NMO	VELOCITY, STRETCH DISTORTION
9	STACK - MIXE	VELOCITY, 1500 FEEDING PRE STACK VIBRATION NOTCH
10	VELOCITY ANALYSIS	DCS - 1500 MS/SEC(SLOW) (BOTTOM)
11	BLUE	NORM, INTERP, NORM END
12	FILTER	SEE BELOW
13	EQUALIZATION	SEE BELOW
	HDDTE+	SP MANIPULATION IS SOURCE LOCATION

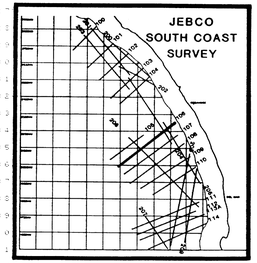
DECON	OPERATOR LENGTH (MS)	PREDICTION LAG (MS)	DERIVATION WINDOW (MS)	APPLICATION WINDOW (MS)	
5	160	40	2-4000 FOR LOW	2-4000 HI	SEE BELOW

FILTER	OPT. NO. REPEAT	N. POINT	N. POINT REPEAT	OPT. NO. REPEAT	APPLICATION TIMES FOR SHOTPOINTS SPECIFIED	
12	1	15	15	61	1-2000MS, 2000-LOW-MAXSP	MAXSP-
	2	5	30	42	2000-MAXSP2	

ALL TIMES IN MILLISECONDS ALL FREQUENCIES IN HERTZ
FILTERS INTERPOLATED (MEANS BETWEEN APPLICATION TIME)
APPLICATION TIMES INTERPOLATED (MEANS BETWEEN SHOTPOINTS)
*SPRINGER LENGTH GIVEN IS ACTIVE LENGTH *AND SUM UP TOTAL LENGTH

SAMPLE RATE: 4MS; DATUM CORRECTION: SEA LEVEL

SCALES: HORIZONTAL @ 4.76/IN VERTICAL 2.5IN/SEC

RECORDING POLARITY: NEG NO +PRESSURE INCREASE

PROCESSING POLARITY: POSITIVE NO GIVES BLACK PEAK