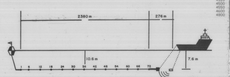
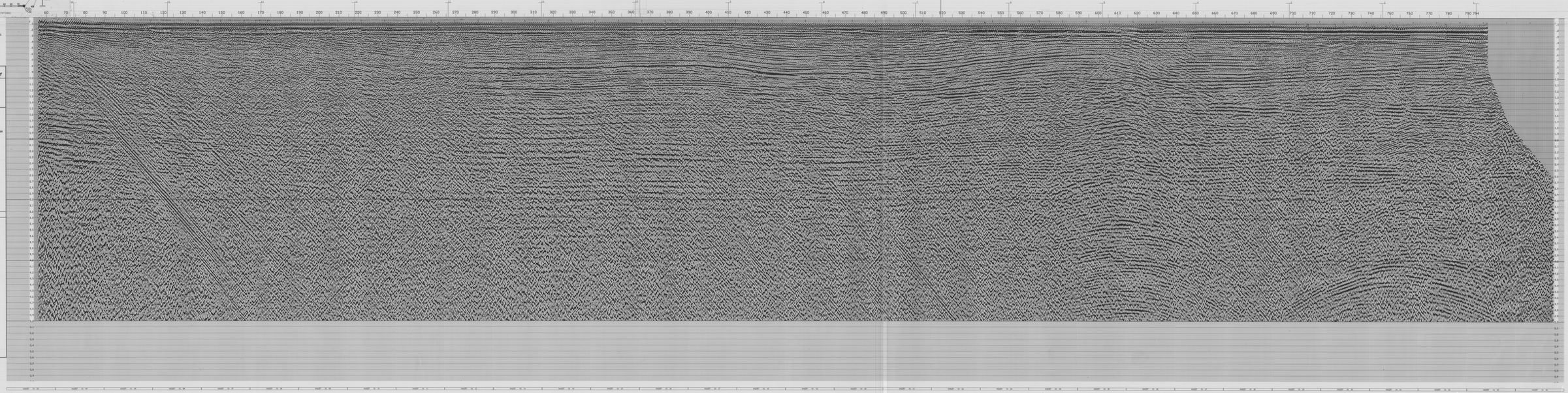
U.S.G.S. LCI-75-XF LINE 752 I---------2 KM---------I

DIRECTION OF SHOOTING





****** FILMING PARAMETERS ******

FILM REEL NUMBER	- 16267
FILM GAUGE	- 35 MM
POLARITY	- BLACK +VE
HORIZONTAL SCALE	- 96,000 TRACE
VERTICAL SCALE	- 6,000 SAMPLES
FILMING DIRECTION	- ALL
DPTS FILMED	- 0K-0K-75

SHOTPOINTS (ACTUAL WATER DEPTHS(M)) (SHOTPOINTS)

REEL NUMBER FILM FRAME	SHOT	DATE (GMT) TIME (GMT) SHOTPOINT TRACE SHOTPOINT TRACE	WATER DEPTH

UNITED STATES GEOLOGICAL SURVEY

LCI-75-XF
COOK INLET LINE 752 (PART 3)
SP. 794 - SO
36 FOLD STACK

FIELD INFORMATION

SHOT BY	WESTERN	PARTY	89
ENERGY	PSUPPULSE	FOLD/FILT.	5 HZ - BUT
		CABLE	75 TORQ STEERMAN
GUN DEPTH	7.6 M	CABLE DEPTH	9.1-15.2 M
NUMBER GUNS	6	HYDROPHONES	72 GROUPS
PROGRAM	CAM PSU	GROUP INT.	55.5 METERS
INSTRUMENTS	DDS-888	NONE TRACE	276 METERS
AMPLIFIERS	DDS-888	LANG TRACE	3664 METERS
ROCK	FLAMPTON PRIMAT	CABLE	3276 METERS
FORMAT	S.E.G. C	PNP INT.	55.5 METERS
MULTIPLEX	192	SURVEYING	NOI
DATA LENGTH	3.17 SECONDS	SP.SPACING	55.5 METERS
SAMPLE RATE	2 MS	FOLD	3600 %
DATE SHOT	13 JULY 1976	SHOT HORL.	WEST/ NORTHWEST

PROCESSING SEQUENCE

P R O C E S S I N G C E N T E R H O U S T O N T E X A S

1) EDIT DEMULTIPLEX - PETTY-RAY MPLX, 2 PHONES

2) DEMULTIPLEX RECORDS

3) BAD MS WINDOW AUTO M 2000 MS WINDOW
WINDOW START - TO 1+0000 MS TO TO+500 MS
WINDOW END - TO 1+0000 MS TO TO+500 MS

4) VELOCITY ANALYSIS CHELEYBACH PROGRAM 1.6 KILOMETERS

5) NORMAL MOVEOUT CORRECTIONS AND STATICS 12 MS S.L. DATUM

6) 36 FOLD COMMON DEPTH POINT STACK
CDP INTERVAL 27.75 METERS

7) TIME VARYING FREQUENCY FILTER "MPHASE"

FILTER	TIME	DB/OCT	PHASE
START	0 MS	18 DB	MIX
1.000	1 S	18 DB	MIX
2.000	2 S	18 DB	MIX
3.000	3 S	18 DB	MIX
4.000	4 S	18 DB	MIX
5.000	5 S	18 DB	MIX

8) BALANCE 6000-9000 DECAY WINDOW LENGTH 250 MS

9) MIGRATION
WINDOW START TIMES AND MUTE TIMES VARY WITH WATER DEPTH
WATER DEPTH VELOCITY 1.5 KILOMETERS PER SECOND
VERTICAL VELOCITY 1.5 KILOMETERS PER SECOND
DIP LIMIT 45 DEGREES
2 MILIMETERS=0.40 CENTIMETERS
GROUP 2000-10

Petty-Ray

TRACE SUPPRESSION

T.V. FILTER