LINE S75-41

SKELLY OIL COMPANY

BRISTOL BAY
1975 GROUP SHOOT

LINE S75-41

SHOTPOINTS 1-985

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	342
CREW NO.	MC CARTY, GREEN
DATE OF SHOOT	14 JUL 1975
DETONATOR	SLY SUPER
DETONATING INSTRUMENTS	8 X 2
DETONATOR DELAY	0 MS
RECORDING FILTERS LOW	8 HZ, 18 DB/OCT.
HIGH	125 HZ, 18 DB/OCT.
SAMPLE RATE	2 MS
RECORD LENGTH	6 SECONDS
MULTIPLICITY	48-FOLD
STAND OUT LENGTH	1320 FEET
SOURCE DEPTH	20 FEET
SOURCE SUPPLY	100 PSI
SOURCE CAPACITY	1500 CU.IN.
DIS. OF CENTER FLEXURAL	1500 FEET
DIS. OF CENTER HYDROSTAT.	1500 FEET
HORIZOND TIMEBREAK	1 SP = 1 METER

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY
ALL ANGLES
ALPHA : 0.5 DB/SEC.
T1 : 1.0 SEC.
T2 : 1.8 SEC.

TIME VARIANT DECONVOLUTION
NUMBER OF FILTERS : 3
FILTER CHANGE : WATER DEPTH DEPENDENT

TIME INVARIANT SCALING
ALL TRACES EQUAL
REAL TIME CALCULATION PERFORMED

VELOCITY ANALYSIS
ONE LONG PACKAGE VELOCITY ANALYSIS
NORTHERNMOST 2/3 WAS INTERPOLATED

NORMAL MOVEOUT CORRECTION
VELOCITY VARIATION ON SECTION REMAINS

FIRST BREAK SUPPRESSION
NOT TAPER ON RECORD

CDP STACK
AS FIELD

TIME VARIANT DECONVOLUTION
NUMBER OF FILTERS : 3
WINDOW LENGTH : 1000 MSEC.
WINDOW START : 500 MSEC. AND 4950 MSEC.

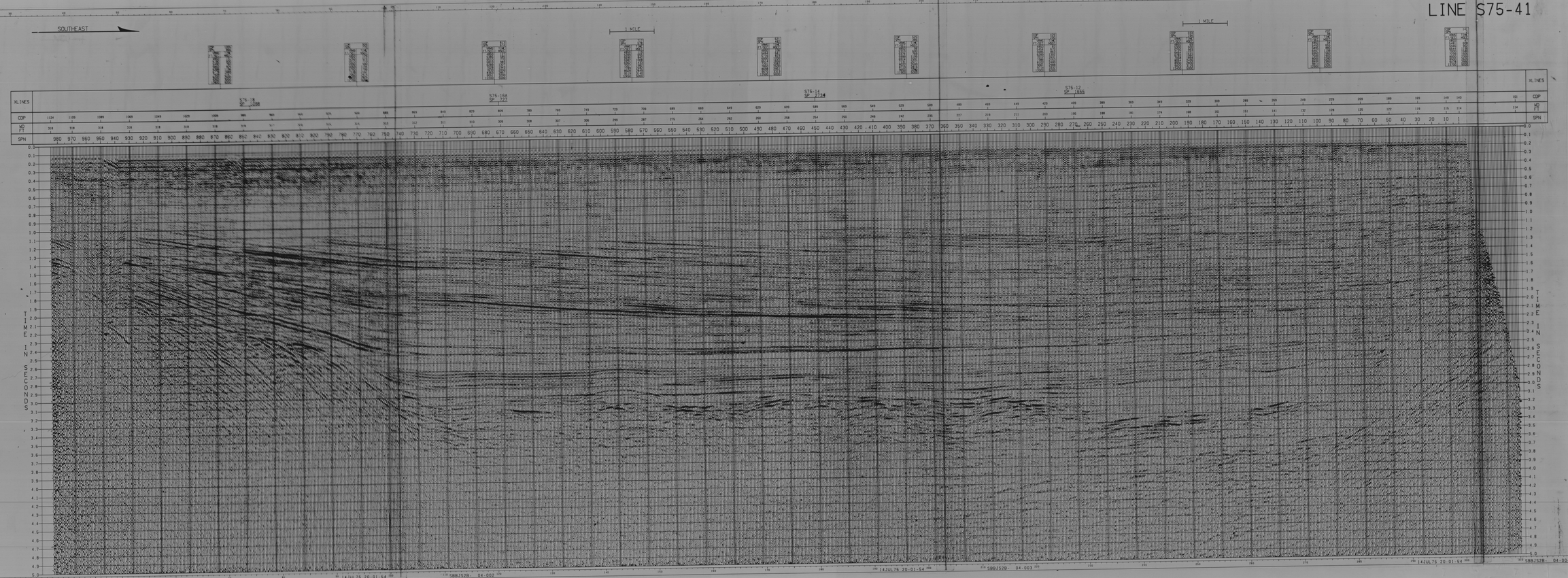
TIME VARIANT FILTERING

TIME (MSEC.)	FILTER (HZ.)
700	12-45
4000	8-40

DISPLAY
DOUBLE TRACE VARIABLE AREA
VERTICAL
2.5 INCHES/SEC

DISPLAY GAIN	
CDP	3000
SP	3000

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

LAIA
14 JUL 1975
19:08:03

PROCESSING CHECKED BY Monte Ford