LINE S75-39

SKELLY OIL COMPANY

BRISTOL BAY
1975 GROUP SHOOT

LINE S75-39

SHOTPOINTS 612-1354

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	B42
LEADER	MV (ECIL) GREEN
DATE SHOT	JUNE 1975
SOURCE	AIR GUNS
RECORDING INSTRUMENTS	VFF JV
SCHEDULE	1
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	62.5HZ 18 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	5 SECONDS
MULTIPLICITY	48 FOLD
STREAMER LENGTH	3500M 48 TRACE
STREAMER DEPTH	40-50 FEET
SOURCE DEPTH	15 FEET
AIR GUN CAPACITY	1500 CU.IN
NA.OF SHOTS OFFSET	1 (AT 1 MILE)
GROUP CENTER INTERVAL	30M (FARS) 60 M.(FARS)
SHOTPOINT INTERVAL	60 METERS

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY

GAIN MEMORIZED
ALPHA = 10.0 DB/SEC.
T1 = 0.0 SEC
T2 = 2.8 SEC

TIME VARIANT DECONVOLUTION

NUMBER OF FILTERS = 2
FILTER LENGTH = WATER DEPTH DEPENDENT

TIME INVARIANT SCALING

GATE LENGTH = 3000 MSEC
TRACE EQUALIZATION PERFORMED

VELOCITY ANALYSIS

MINI-TOO PACKAGE VELOCITY ANALYSIS
SCATTERGRAMS AT 3 MILE INTERVALS

NORMAL MOVEOUT CORRECTION

VELOCITY ANNOTATION ON SECTION HEADING

FIRST BREAK SUPPRESSION

SEE TAPER ON RECORD

CDP STACK

36 FOLD

TIME VARIANT DECONVOLUTION

NUMBER OF FILTERS = 3
FILTER LENGTH = 310 MSEC
DESIGN WINDOWS = 40 - 300 MSEC. AND 4960 MSEC.

TIME VARIANT FILTERING

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

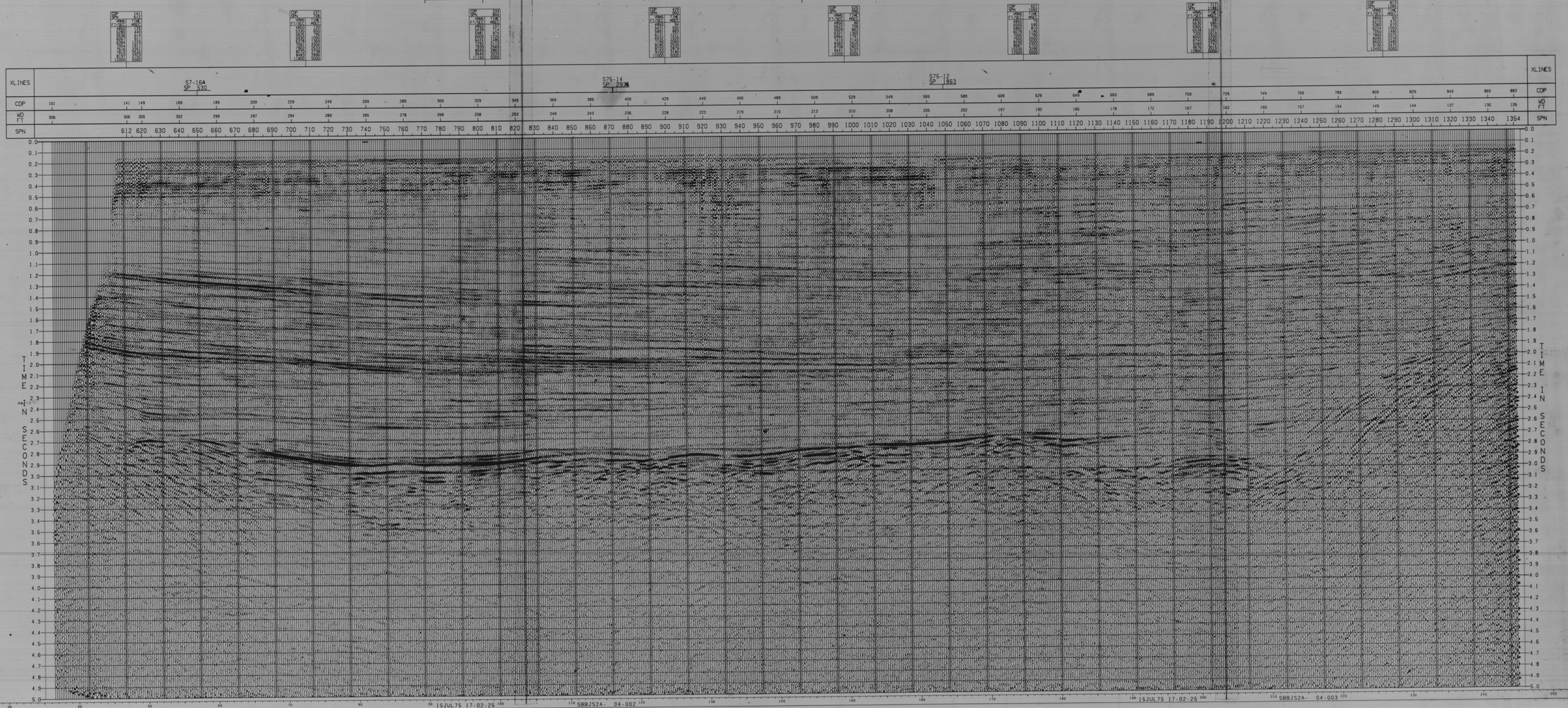
DISPLAY

WIGGLE TRACE VARIABLE AREA
24 TRACES/IN.
2.5 INCHES/SEC.

DISPLAY GAIN

CDP	ALL
GAIN	1.0
101-9	2000

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

L39A
15 JUL 1975
17:01:27

PROCESSING CHECKED BY Steve Day