LINE S75-43

SKELLY OIL COMPANY

BRISTOL BAY
1975 GROUP SHOOT

LINE S75-43

SHOTPOINTS 33-530

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	942
VESSEL	MV CECIL GREEN
DATE SHOT	JUNE 1975
ENERGY SOURCE	AIR GUNS
RECORDING INSTRUMENTS	DFS IV
GAIN CONTROL	I F P
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	62 HZ 18 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	5 SECONDS
MULTIPLICITY	48 FOLD
STREAMER LENGTH	3525M 48 TRACE
STREAMER DEPTH	40-50 FEET
SOURCE DEPTH	35 FEET
AIR GUN CAPACITY	1200 CU.IN.
INLINE SHOT OFFSET	1345 FEET AVE.
GROUP CENTER INTERVAL	100 M.(NEARS) 50 M.(FARS)
SHOTPOINT INTERVAL	50 METERS

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY
GAIN REMOVAL
ALPHA = 10.0 DB/SEC.
T1 = 0
T2 = 2.8 SEC.

TIME VARIANT DECONVOLUTION
NUMBER OF FILTERS = 2
FILTER LENGTH = WATER DEPTH DEPENDENT

TIME INVARIANT SCALING
GATE LENGTH = 3500 MSEC
TRACE EQUALIZATION PERFORMED

VELOCITY ANALYSIS
MINI-700 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 = 2
FILTER LENGTH = 210 MSEC
DESIGN GATE = WB + 300 MSEC. AND 4950 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

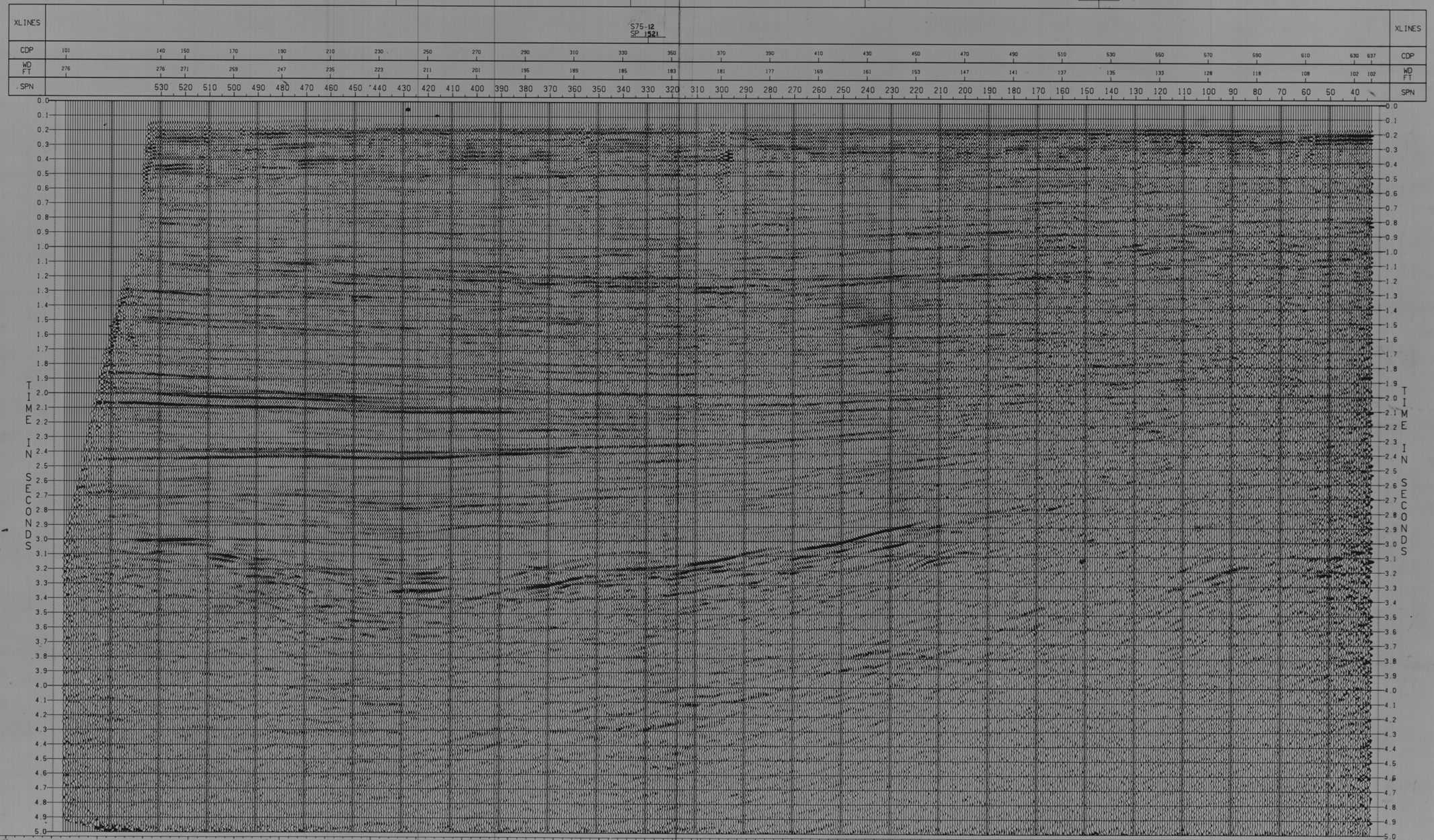
INPUT	
CDP	ALL
GAIN DB	TIME MSEC
-11.0	2000

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

L43
20 JUL 1975
02:01:22

PROCESSING CHECKED BY Morris Vick

SOUTHEAST

1 MILE

CDP	SPN	VRMS F1/SEC	TIME MSEC
141	529	4850	110
		5369	632
		5440	792
		5930	1107
		6575	1529
		7245	2076
		8180	2600
		8628	2836
		9260	3200
		13000	5000
237	433	4850	50
		5350	635
		5928	877
		6120	1225
		6751	1629
		7351	2110
		8000	2460
		8550	2800
		9267	3200
		13200	5000
333	337	4850	50
		5110	500
		5529	713
		6124	1119
		6800	1520
		7410	2089
		8000	2460
		9000	3000
		9267	3200
		12810	5000
429	241	4850	65
		5418	702
		5789	828
		6249	1124
		6640	1500
		7594	2077
		8122	2400
		8750	2810
		9211	3000
		12510	5000
525	145	4850	56
		5400	518
		5930	915
		6852	1257
		7174	1593
		8110	2050
		8650	2380
		8970	2620
		9100	3016
		14050	5000