LINE S75-65

SKELLY OIL COMPANY

BRISTOL BAY
1975 GROUP SHOOT

LINE S75-65

SHOTPOINTS 1-1265

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
-71.0	2000

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

PROCESSING CHECKED BY : C.Buza

L25C
20 JUL 1975
02:22:11

SBBJS2B- 04-001