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FIGURE 5b

LINE FPG89-4
S.P. 101 TO 1104

I.S.P.G. 1989
BEAUFORT SEA

19 DEGREES ← DIRECTION SHOT →

MIGRATION

FIELD DATA

VESSEL	M/V E.D. VETTER
SHOT #	PARTY NO 2872
DATE SHOT	SEPTEMBER 1989
DATA TYPE	SEISMIC REFLECTION
RECORDING SYSTEM	FGS (TITAN 1000)
RECORDING FORMAT / DENVER	FGS 0 / GROUP CODED / 8300 W.P.1.
SAMPLE PERIOD / RECORD LENGTH	4 MS / 16.0 S
GAIN CONTROL / MODE	12 / 84 DB
GAIN CONSTANT / FINAL GAIN	12 / 84 DB
RECORDING FILTERS	LOW CUT - 0.5 HZ @ 18 DB/OCTAVE
TAPE POLARITY	HIGH CUT 64 HZ @ 12 DB/OCTAVE
SEISMIC SOURCE	INCREASE IN PRESSURE ON HYDROPHONE PRODUCES A NEGATIVE NUMBER ON TAPE AND A DOWNWARD DEFLECTION ON THE FIELD TAPE MONITOR
AVERAGE SOURCE DEPTH	1000-2000 PSI / 2200 CU IN / 51.2 MS. DELAY
CABLE LENGTH (CENTRE TO CENTRE)	3248 M
NUMBER OF GROUPS	480
HYDROPHONE PER GROUP / SPACING	0.28 DISH TYPE
SHOTPOINT INTERVAL / GROUP INTERVAL	18 / 0.1 M
MULTIPLICITY	50 M / 4.25 M
NAVIGATION SYSTEM	30 FOLDS
	PRIMARY SYSTEM - SYLVEIS
	SECONDARY SYSTEM - ARND

SPREAD DIAGRAM

DIGITAL PROCESSING

DEMULIPLER	PROCESSED TO 16.0 S
ADJUSTED TRACE SMASH	MUTING OF FIRST BREAK ENERGY
PRE DECONVOLUTION MUTE	6 DB/S APPLIED FROM 0 TO 3.0 S
TRIC AMPLITUDE RECOVERY	MAX. FREQ. = 81.25 HZ / DIP ZONE = 8 TO -8 MS/TR
VELOCITY FILTER (SHOT DOMAIN)	STO
DECONVOLUTION	STO
VELOCITY FILTER (RECEIVER DOMAIN)	MAX. FREQ. = 81.25 HZ / DIP ZONE = 8 TO -8 MS/TR
VELOCITY ANALYSIS (130 FOLDS)	PLUS SPHERICAL DIVERGENCE CORRECTION
NORMAL MOVEMENT CORRECTIONS	ANALYSIS @ 2.5 M INTERVALS FOR STACK
COMMON DEPTH POINT STACK	SEE STACK SECTION HEADER FOR VELOCITIES
MIGRATION	TOP FOLDS - STRETCHING
TIME/SPECTRUM VARIANT FILTER	FWLID - 60 DEGREES
	FREQUENCIES KNEELINE
	0. MILES (1 MS)
	WATER BOTTOM REFERENCED
TIME/SPECTRUM VARIANT SCALING	TIME/STANT TIME - FLAT/100/-10 MS
DISPLAY SCALE	GATE LENGTH - 600 MS
	GAIN - WATER BOTTOM
	EVENT 4TH TRACE PLOTTED

DISPLAY

HORIZONTAL SCALE	20 000 TR/CM 20 000 TR/CM
VERTICAL SCALE	2 50 CM/SEC
POLARITY	NORMAL
TRACE TYPE, BIAS	WTR - 30 PERCENT
DATE	SEA LEVEL
DISPLAY UNIT	0.488889 CM

DISPLAY GAIN

TRAC	4801
TRAC	4801
TRAC	4801

BEAUFORT SEA 1989

17 APR 1990 07:18:59 6402/130952

HGS

HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY _____

