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FIGURE 5a

LINE FPG89-4
S.P. 101 TO 1104

I.S.P.G. 1989
BEAUFORT SEA

19 DEGREES DIRECTION SHOT

FINAL STACK

FIELD DATA

VESEL	M/V E. D. WETTER
SHOT BY	PARTY NO. 2072
DATE SHOT	SEPTEMBER 1989
DATA TYPE	SEISMIC REFLECTION
RECORDING SYSTEM	YES (TITAN 1000)
RECORDING FORMAT / DENSITY	SEC D - GROUP CODED / 6250 B.P.I.
SAMPLE PERIOD / RECORD LENGTH	4 MS / 25.5 S
GAIN CONTROL MODE	IFP
GAIN COMPENSATION / FINAL GAIN	12 / 84 DB
RECORDING FILTERS	LOW CUT - 8 HZ @ 18 DB/OCTAVE
	HIGH CUT - 10 HZ @ 22 DB/OCTAVE
	INCREASE IN PROCEDURE ON MICROPHONE PRODUCES A NEGATIVE NUMBER ON TAPS AND A DOWNWARD DEFLECTION ON THE FIELD TAPE MONITOR
	TUNED AIRGUN ARRAY - 4 STRINGS
	(1000-2000 PSH) 2000 CU IN @ 51.2 MS DELAY
AVERAGE SOURCE DEPTH	12 M
CABLE LENGTH (CENTRE TO CENTRE)	324 M
NUMBER OF GROUPS	480
HYDROPHONE TYPE / GROUP / CRANCING	0-20 DISH TYPE
SHOOTPOINT INTERVAL / GROUP INTERVAL	50 M / 6.25 M
MULTIPLICITY	30
NAVIGATION SYSTEM	PRIMARY SYSTEM - SYLEDIS SECONDARY SYSTEM - ARGO

SPREAD DIAGRAM

DIGITAL PROCESSING

DEMULTIPLY	PROCESSED TO 24.5 S
ADJACENT TRACE SWASH	MIXING OF FIRST BREAK ENERGY
PHASE DECONVOLUTION WAVE	8 DBS APPLIED FROM 0 TO 3.0
TRIM AMPLITUDE RECOVERY	MAX. FREQ. = 81.25 HZ / DIP ZONE - 8 TO 4 MS/TR
VELOCITY FILTER (SHOT DOMAIN)	SIB
DECONVOLUTION	MAX. FREQ. = 81.25 HZ / DIP ZONE - 8 TO 4 MS/TR
VELOCITY FILTER (RECEIVER DOMAIN)	PLUS SPHERICAL DIVERGENCE CORRECTION
VELOCITY ANALYSIS (30 FOLD)	ANALYSIS AT 2.0 KM INTERVALS FOR STACK
NORMAL WAVELENGTH CORRECTIONS	SEC STACK SECTION NUMBER FOR VELOCITIES
COMMON DEPTH POINT STACK	TYPE/FOLD - STRAIGHT / 30 FOLD
TIME/SURFACE VARIANT SCALING	FREQUENCIES - KNEELINE
DISPLAY SCALE	CM2 CM3
	R. 8/15/24 8
	WATER BOTTOM REFERENCED
	TYPE/START TIME - PLATYS/10 MS
	DATE LENGTH - 100 MS
	DATUM - WATER BOTTOM
	EVERY 4TH TRACE PLOTTED

DISPLAY

HORIZONTAL SCALE	20,000 TR/CM 20,000 TR/KM
VERTICAL SCALE	2.50 CM/SEC
POLARITY	NORMAL
TRACE TYPE, BIAS	WTAKE, 30 PERCENT
DATUM	SEA LEVEL
DISPLAY UNIT	0.489809 CM

DISPLAY GAIN

CM	DB
CM	DB
CM	DB

OPEN FILE
DOSSIER PUBLIC
2396
GEOLOGICAL SURVEY
COMMISSION GEOLOGIQUE
OTTAWA

BEAUFORT SEA 1989

04 APR 1990 07:56:54 6402/130352

HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY -

