Energy, Mines and Resources Canada | Énergie, Mines et Ressources Canada

FIGURE 5c

LINE FPG89-4
S.P. 101 TO 1104

I.S.P.G. 1989
BEAUFORT SEA

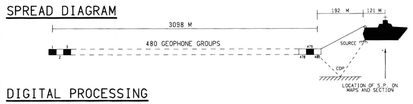
19 DEGREES — DIRECTION SHOT

FINAL STACK

FIELD DATA

VESSEL	M/V E.O. VETTER
SHOT BY	PARTY NO. 2872
DATE SHOT	SEPTEMBER 1989
DATA TYPE	SEISMIC REFLECTION
RECORDING SYSTEM	FCS (TITAN 1000)
RECORDING FORMAT / DENSITY	SEG D - GROUP CODED / 6250 B.P.I.
SAMPLE PERIOD / RECORD LENGTH	4 MS / 25.5 S
GAIN CONTROL MODE	IFP
GAIN CONSTANT / FINAL GAIN	12 / 84 DB
RECORDING FILTERS	LOW CUT - 8 HZ @ 18 DB/OCTAVE HIGH CUT 64 HZ @ 72 DB/OCTAVE
TAPE POLARITY	INCREASE IN PRESSURE ON HYDROPHONE PRODUCES A NEGATIVE NUMBER ON TAPE AND A DOWNWARD DEFLECTION ON THE FIELD TAPE MONITOR
SEISMIC SOURCE	TUNED AIRGUN ARRAY - 4 STRINGS (1900-2000 PSI) 7200 CU IN / 51.2 MS. DELAY)
AVERAGE SOURCE DEPTH	12 M
CABLE LENGTH (CENTRE TO CENTRE)	3248 M
NUMBER OF GROUPS	480
HYDROPHONE TYPE	D-28 DISH TYPE
HYDROPHONES PER GROUP / SPACING	16 / 0.4 M
SHOTPOINT INTERVAL / GROUP INTERVAL	50 M / 6.25 M
MULTIPLICITY	30 FOLD
NAVIGATION SYSTEM	PRIMARY SYSTEM - SYLEDIS SECONDARY SYSTEM - ARGO

SPREAD DIAGRAM



DIGITAL PROCESSING

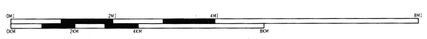
DEMULTIPLEX	PROCESSED TO 25.5 S
ADJACENT TRACE SMASH	4 : 1
PRE DECONVOLUTION MUTE	MUTING OF FIRST BREAK ENERGY
TRUE AMPLITUDE RECOVERY	6 DB/S APPLIED FROM 0 TO 3.0
VELOCITY FILTER (SHOT DOMAIN)	MAX. FREQ. - 81.25 HZ / DIP ZONE - ± 8 TO -6 MS/TR
DESIGNATURE	STD
VELOCITY FILTER (RECEIVER DOMAIN)	MAX. FREQ. - 81.25 HZ / DIP ZONE - ± 8 TO -6 MS/TR PLUS SPHERICAL DIVERGENCE CORRECTION
VELOCITY ANALYSIS (30 FOLD)	ANALYSIS AT 2.0 KM INTERVALS FOR STACK
NORMAL MOVEOUT CORRECTIONS	SEE STACK SECTION HEADER FOR VELOCITIES
COMMON DEPTH POINT STACK	TYPE/FOLD - STRAIGHT / 30 FOLD
TIME/SPACE VARIANT FILTER	FREQUENCIES KNEETIME (HZ) (MS) 0, 8/15.24 0 WATER BOTTOM REFERENCED
TIME/SPACE VARIANT SCALING	TYPE/START TIME - FLATTVS/-10 MS GATE LENGTH - 500 MS DATUM - WATER BOTTOM
DISPLAY SCALE	EVERY 4TH TRACE PLOTTED

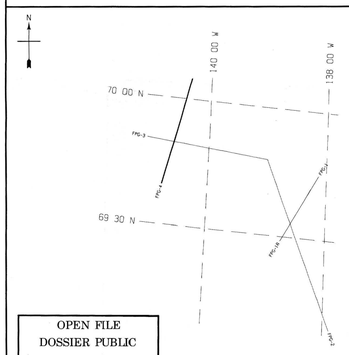
DISPLAY

HORIZONTAL SCALE	-	20.000 TR/CM 20.000 TR/KM
VERTICAL SCALE	-	2.50 CM/SEC
POLARITY	-	NORMAL
TRACE TYPE, BIAS	-	WTVAR, -30 PERCENT
DATUM	-	SEA LEVEL
DISPLAY UNIT	-	0.483809 CM

DISPLAY GAIN (INPUT)

CDP	ALL
GAIN DB	TIME MSEC
-84.9	0





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04 APR 1990
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HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY - .....