

LINE 1B
S.P. 1596 TO 2957

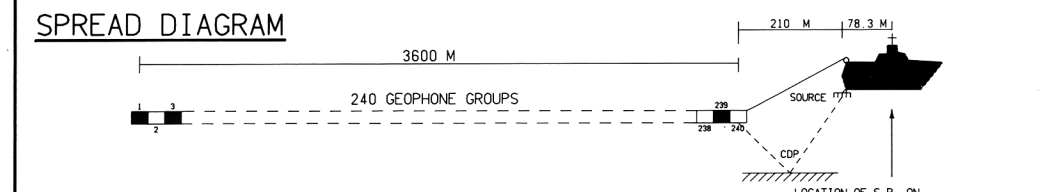
INSTITUTE OF SEDIMENTARY & PETROLEUM GEOLOGY
BEAUFORT LITHOPROBE 1987



FINAL STACK

FIELD DATA

VESSEL	M/V GSI EXPLORER
SHOT #	DESPHOED L10
NAVIGATION SYSTEM	PRIMARY SYSTEM - GPS SECONDARY SYSTEM - ARGO
DATE SHOT	AUGUST - OCTOBER 1987
DATA TYPE	SEISMIC REFLECTION
RECORDING FORMAT	240 CHANNEL TRACE SEQUENTIAL RECORDER
RECORDING DENSITY	8028 P.P.1
SAMPLE PERIOD	4 MS
RECORD LENGTH	20.5
GAIN CONTROL MODE	17F
RECORDING FILTERS	LOW CUT # HZ # 18 DB/OCTAVE HIGH CUT # HZ # 72 DB/OCTAVE
TAPE POLARITY	NORMAL
SEISMIC SOURCE	AIRGUN ARRAY 12000 P.S.I. / 51.2 MS DELAY
AVERAGE SOURCE DEPTH	12.5 METRES
CABLE LENGTH/AVG DEPTH	3800 METRES/12.5 METRES
NUMBER OF GROUPS	240
GEOPHONE TYPE	1.1 ACCELERATION CANCELLING
GEOPHONE PER GROUP	10 METRES
NORMAL GROUP INTERVAL	10 METRES
SHOTPOINT INTERVAL	30 FOLD
MULTIPLICITY	24 METRES
AVERAGE NEAR GROUP OFFSET	SIMRAD /1480 M/SEC /DRAFT CORRECTED
FATHOMETER	

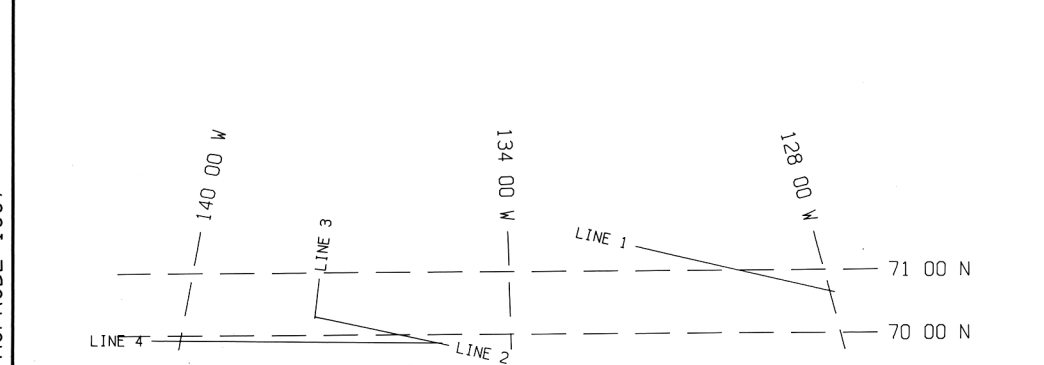
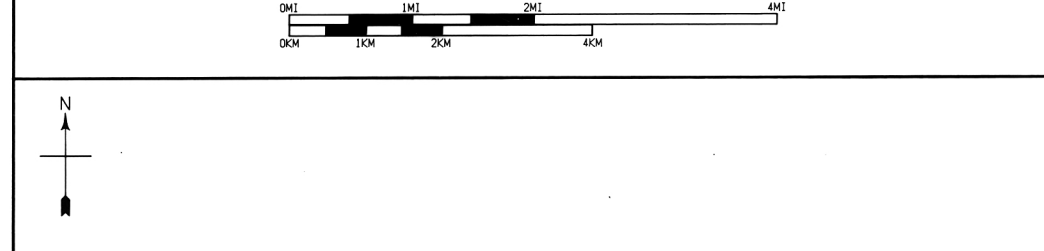


DIGITAL PROCESSING

DEMULTIPLY	PROCESSED TO 15976 MS
DECIMATED MIX	TRACES MIXED 3 ON 1 EVENLY WEIGHTED
PRE DECONVOLUTION MUTE	MUTING OF FIRST BREAK ENERGY
TRUE AMPLITUDE RECOVERY	EXPERIMENTAL GAIN RECOVERY 6 DB/SEC. 0 - 3000 MS SPHERICAL DIVERGENCE APPLIED
VELOCITY FILTER (COMMON SHOT)	MAX FREQ = 120 HZ/DIP ZONE = 12 TO -6 MS/TR
VELOCITY FILTER (COMMON RECEIVER)	STANDARD MODE
DECONVOLUTION	1. X 2ND CAP = 24 DATUM = WATER BOTTOM 14000 MS DESIGN GATES
EQUALIZATION	VELSCAN EVERY 3 KM FOR NEAR SURFACE STACKING FUNCTIONS. VELOCITIES FOR DEEPER SECTION VERIFIED BY SCIENTIFIC AUTHORITY
VELOCITY ANALYSIS	STREMER SHOT
STATICS	SEE STACK SECTION HEADER FOR VELOCITIES USED
NORMAL MOVEOUT CORRECTIONS	30 FOLD TYPE = VELOCITY POWER
COMMON DEPTH POINT STACK	7.1 750 HZ. 081 48
DECONVOLUTION	AUTO CORR START/END TIMES = -30/8250 MS DATUM = WATER BOTTOM
TIME/SPACE VARIANT FILTER	FREQUENCIES (HZ) TIME (MS) DATUM = SURFACE 4. 8735.45 3500 4. 8720.00 3000 6. 15/20 30 13000
TIME/SPACE VARIANT SCALING	TYPE/START TIME = SORTSYS/-30 MS GATE LENGTH = 200 MS DATUM = WATER BOTTOM
TIME/SPACE VARIANT SCALING	TYPE/START TIME = FLATTUS/-30 MS GATE LENGTH = 500.750.1000.1000.2000.10000 MS DATUM = WATER BOTTOM
RUNNING MIX	6. 1.1 EVENLY WEIGHTED
DECIMATION	EVERY THIRD TRACE DISPLAYED

DISPLAY

HORIZONTAL SCALE	- 22.200 TR/CM 22.222 TR/KM
VERTICAL SCALE	- 2.60 CM/SEC
POLARITY	- NORMAL
TRACE TYPE, BIAS	- SEA LEVEL PERCENT
DATUM	- SEA LEVEL
DISPLAY UNIT	- 0.457577 CM



OPEN FILE
DOSSIER PUBLIC
2106 (3078)
GEOLOGICAL SURVEY
COMMISSION GEOLOGIQUE
OTTAWA

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Energy, Mines and Resources Canada
Commission géologique du Canada
Geological Survey of Canada

CANADIAN BEAUFORT LITHOPROBE

03 APR 1988 17 23 58 PARTY 999

GEOPHYSICAL SERVICE INCORPORATED

PROCESSING CHECKED BY

