

9229-N10-3E 1



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT NORTHCOB ENERGY LTD

PROSPECT ISLAND RIVER

LINE OSM-7 DIRECTION N.E. →

FIELD PARAMETERS

SHOT BY SEFEL GEOPHYSICAL
DATE SHOT MARCH 1989
SOURCE DYNAMITE
SOURCE PATTERN SINGLE HOLE
CHARGE SIZE 2 KG AT 12 M
GEOPHONE TYPE GEBSPACE
GEOPHONE FREQ 10 HZ
GEOPHONE PATTERN 8 AT 3 M INTERVALS
INSTRUMENTS MD5-10 96 TRACES
FORMAT SEG B
RECORDING FILTER 8-18 125/72 HZ
RECORD LENGTH 3 SEC
SAMPLE INTERVAL 2 MS
SPREAD GEOMETRY 1200-25-K-25-1200
GROUP INTERVAL 25 M
SHOT POINT INTERVAL 100 M

PROCESSING SEQUENCE

- 1 DEMULTIPLY WITH GAIN REMOVAL
PROCESSING SAMPLE RATE 2 MS
- 2 CDP TRACE GATHERS 1200 PERCENT
- 3 AUTOMATIC GAIN CURVE APPLICATION
- 4 INSTRUMENT PHASE COMPENSATION
- 5 GEOPHONE PHASE COMPENSATION
- 6 SPOKING DECONVOLUTION
WINDOW (MINIMUM OFFSET) 300-1300 MS
TAPERING WITH OFFSET
- 7 WEATHERING STATISTICS
OPERATOR LENGTH 60 MS
PREWHITENING 1 PERCENT
DATUM ELEVATION 700 M ASL
DATUM VELOCITY 2750 M/SEC
WEATHERING VELOCITY 610 M/SEC
- 8 VELOCITY ANALYSIS
- 9 NIB AND EDITS
- 10 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG +-20 MS
WINDOW 350-1300 MS
- 11 CORRECTION OFFSET STACK
- 12 RESIDUAL NIB
- 13 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG +-15 MS
WINDOW 350-350 MS
- 14 MUTE 1200 PERCENT
- 15 STACK 8/18-100/120 HZ
- 16 BAND PASS FILTER
- 17 EQUALIZATION 300-1700 MS
WINDOW
- 18 FILM DISPLAY
Polarity REVERSE
18 TRACES/IN.
7.5 INCHES/SEC

QC GEOPHYSICIST T.C.S. DATE MAY, 1989
DETAILS



