

9229-N10-2E



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT NORTHCOB ENERGY LTD

PROSPECT TRAINOR LAKE

WAVE EQUATION
MIGRATION

LINE OSL-3 DIRECTION N.E. →

FIELD PARAMETERS

SHOT BY SEFEL GEOPHYSICAL
DATE SHOT PARTY 508
SOURCE DATE MARCH 1988
SOURCE PATTERN DYNAPITE
CHARGE SIZE SINGLE HOLE
GEOPHONE TYPE 2 KG AT 12 M
GEOPHONE TYPE GEGSPACE
GEOPHONE FREQ 10 HZ
GEOPHONE PATTERN 9 AT 3 M INTERVALS
INSTRUMENTS NOS-10 96 TRACES
FORMAT SEC B
RECORDING FILTER 9/18 - 125/72 HZ
RECORD LENGTH 3 SEC
SAMPLE INTERVAL 2 MS
SPREAD GEOMETRY 1200-25-X-25-1200
GROUP INTERVAL 25 M
SHOT POINT INTERVAL 100 M

PROCESSING SEQUENCE

- 1 DEMULTIPLY WITH GAIN REVERSAL
PROCESSING SAMPLE RATE 2 MS
- 2 CDP TRACE GATHERS 1200 PERCENT
- 3 AUTOMATIC COIN CURVE APPLICATION
- 4 INSTRUMENT PHASE COMPENSATION
- 5 GEOPHONE PHASE COMPENSATION
- 6 SPOKING DECONVOLUTION
WINDOW (MINIMUM OFFSET) 300-1800 MS
(TOPPING WITH OFFSET)
- 7 OPERATOR LENGTH 60 MS
PREWHITENING 1 PERCENT
- 8 WEATHERING STATICS
DATUM ELEVATION 700 M ASL
DATUM VELOCITY 2750 M/SEC
WEATHERING VELOCITY 610 M/SEC
- 9 VELOCITY ANALYSIS
- 10 RMS AND EDITS
- 11 AUTOMATIC RESIDUAL STATICS
RMS CORRELATION LAG +-30 MS
WINDOW 350-1800 MS
- 12 CORRECTION OFFSET STACK
- 13 AUTOMATIC RESIDUAL STATICS
RMS CORRELATION LAG +-15 MS
WINDOW 350-950 MS
- 14 MUTE 1200 PERCENT
- 15 STACK
- 16 WAVE EQUATION MIGRATION
- 17 SMOOTHER FILTER
- 18 EQUALIZATION
- 19 FILA DISPLAY
WINDOW 300-1700 MS
REVERSE
16 TRACES/IN.
7.5 INCHES/SEC

QC GEOPHYSICIST J.C.S. DATE JUNE, 1988

