

9229-N10-2E



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT NORTHCO ENERGY LTD

PROSPECT TRAINER LAKE

WAVE EQUATION
MIGRATION

LINE OSL-4 DIRECTION N.E. →

FIELD PARAMETERS

SHOT BY SEFEL GEOPHYSICAL
DATE SHOT MARCH 1989
SOURCE DYNARITE
SOURCE PATTERN SINGLE HOLE
CHARGE SIZE 2 KG AT 12 M
GEOPHONE TYPE GEOSPAC
GEOPHONE FREQ 10 HZ
GEOPHONE PATTERN 9 AT 3 M INTERVALS
INSTRUMENTS TDS-10 96 TRACES
FORMAT SEG 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 REPAIR
- 2 PROCESSING SAMPLE RATE 2 MS
- 3 CDP TRACE GATHERS
- 4 AUTOMATIC GAIN CURVE APPLICATION
- 5 INSTRUMENT PHASE COMPENSATION
- 6 GEOPHONE PHASE COMPENSATION
- 7 SPOKING DECONVOLUTION
- 8 WINDOW (MINIMUM OFFSET) 300-1800 MS
- 9 WINDOW (MINIMUM OFFSET) 300-1800 MS
- 10 WINDOW (MINIMUM OFFSET) 300-1800 MS
- 11 WINDOW (MINIMUM OFFSET) 300-1800 MS
- 12 WINDOW (MINIMUM OFFSET) 300-1800 MS
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- 17 WINDOW (MINIMUM OFFSET) 300-1800 MS
- 18 WINDOW (MINIMUM OFFSET) 300-1800 MS
- 19 WINDOW (MINIMUM OFFSET) 300-1800 MS

GC GEOPHYSICIST I.C.S. DATE JUNE, 1983

TIME VARS
0 2300
100 2400
200 2500
300 2600
400 2700
500 2800
600 2900
700 3000
800 3100
900 3200
1000 3300
1100 3400
1200 3500
1300 3600
1400 3700
1500 3800
1600 3900
1700 4000
1800 4100
1900 4200
2000 4300

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