

9229-N10-32



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 PARTY 506
SOURCE MARCH 1988
SOURCE PATTERN DYNAMITE
CHARGE SIZE SINGLE HOLE
GEOPHONE TYPE 2 KG AT 12 M
GEOPHONE FREQ 9 AT 3 M INTERVALS
GEOPHONE PATTERN 105-10 96 TRACES
INSTRUMENTS SEC 8
RECORDING FILTER 9-18 - 125/72 HZ
RECORD LENGTH 9 SEC
SAMPLE INTERVAL 2 MS
SPREAD GEOMETRY 1200-25-X-25-1200
GROUP INTERVAL 25 M
SHOT POINT INTERVAL 100 M

PROCESSING SEQUENCE

- 1 DEMULTIPLEX WITH GAIN REMOVAL
PROCESSING SAMPLE RATE 2 MS
- 2 COP 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)
OPERATOR LENGTH 60 MS
PRE-ATTENUATION 1 PERCENT
- 7 WEATHERING STATICS
DATA ELEVATION 700 M ASL
DATA VELOCITY 2750 M/SEC
WEATHERING VELOCITY 610 M/SEC
- 8 VELOCITY ANALYSIS
- 9 NRB AND EDITS
- 10 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG +-30 MS
WINDOW 350-1800 MS
- 11 COMMON OFFSET STACK
- 12 RESIDUAL NRB
WINDOW 350-950 MS
- 13 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG +-15 MS
WINDOW 350-950 MS
- 14 MUTE
- 15 STACK 1200 PERCENT
- 16 BAND PASS FILTER 0/18-100/120 HZ
- 17 EQUALIZATION
WINDOW 300-1700 MS
- 18 FILM DISPLAY
POLARITY NORMAL
16 TRACE/IN.
7.5 INCHES/SEC

QC GEOPHYSICIST T.C.S. DATE MAY, 1983

ELEVATION
TOTAL CORR.
TIME (FSEC)

TIME VERT
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000

TIME VERT
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000

TIME VERT
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000

TIME VERT
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000

LINE LINE
9229-N10-32