ENCLOSURE #1c

CANADIAN
FOREST
OIL LTD.

P2 29-C131-2E I-4

MAXHAMISH

LINE: 99-EL380-14
SPS: 89 - 533

PRE-STACK
MIGRATION

NORMAL POLARITY

STATICS PARAMETERS
DATUM: 500 M REPL VEL: 4000 M/S

FIELD PARAMETERS

S-OT FOR : CANADIAN FOREST OIL LTD. SEPT. 1999
SHOT BY : POLARIS EXPLORER LTD. CREW-2

INSTRUMENTS
NAME/MODEL: SARA 24 PARK 1
S.R. : 2 MS
LENGTH : 6 SEC
FILTER : 3 - 164 HZ
NOTCH : OUT
FORMAT : SEG-Y

GEOPHONES
TYPE : OYO G530
FREQUENCY : 10 HZ
DAMPING :
NUMBER/GROUP: 6
SPACING : 3 M
GROUP LENGTH: 15 M

SOURCE
TYPE : DYNAMITE
CHARGE : 20 KG
DEPTH : 20 M
NO. INLINE: 1

SPREAD
FOLD : 4800 PCT
S.P. INT : 90 M
GRP. INT: 15 M

CONFIGURATION
3600-15-m-15--3600 M
1--240-m-241--480

PROCESSED SEPTEMBER 1999 BY

KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE

DEMULTIPLEX:
PROCESS SAMPLE RATE 2.0 MS
PROCESS RECORD LENGTH 5.0 SEC
AMPLITUDE RECOVERY:
EXPONENTIAL GAIN CURVE M(T)=PURN(1)EXP(AT)) A=1 0=0 N=2
TRACE EDITING:
PHASE COMPENSATION:
TYPE GEOPHONE AND INSTRUMENT
DECONVOLUTION:
TYPE SURFACE CONSISTENT SPIKING
OPERATOR LENGTH 80 MS
PREWHITENING 0.1 %
DESIGN GATE 500 - 3000 MS AT 1ST OFFSET
1000 - 3000 MS AT 3600M OFFSET
OFFSET RANGE 600 - 3600 M
PARTIAL SPECTRAL BALANCING:
FREQUENCY 8 - 80 HZ
EQUALIZATION:
DESIGN GATE SAME WINDOW AS DECON
STATICS (REFRACTION)
METHOD GENERALIZED LINEAR INVERSION
FREQUENCY SPACING EVERY SHOT
DATUM ELEVATION 500 M
WEATHERING VELOCITY 750 M/SEC
REPLACEMENT VELOCITY 4000 M/SEC
SORT:
TO EQUAL CDP INTERVAL
VELOCITY ANALYSIS:
METHOD CONSTANT PERCENTAGE MOVEOUT
STATICS (RESIDUAL): 1ST PASS
TYPE AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW 500 - 3000 MS
MAXIMUM SHIFT +/- 50 MS
CORRELATIONS PER TRACE 15
NUMBER OF ITERATIONS 2
VELOCITY ANALYSIS:
METHOD CONSTANT PERCENTAGE MOVEOUT
NOISE ATTENUATION
METHOD F-K FILTER
STATICS (RESIDUAL): 2ND PASS
TYPE AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW 500 - 3000 MS
MAXIMUM SHIFT +/- 10 MS
CORRELATIONS PER TRACE 15
NUMBER OF ITERATIONS 2
PRE-STK MIG. VEL. ANALYSIS:
TYPE CONSTANT PERCENTAGE MOVEOUT
MUTE PATTERN:
DISTANCE 300 600 1200 3600 M
TIME -300 300 ; 500 1000 MS
EQUALIZATION:
DESIGN WINDOW 600 MS TWC
FULL PRE-STACK MIGRATION:
TYPE KIRCHHOFF SUPERTRACE
DATUM REFERENCED TO PLOTTED WEATHERING REPLACED SURFACE.
VELOCITY: SLOPE VELOCITIES
NOV 3, 1999
STACK:
CDP SUMMATION 901 INDIVIDUAL
FOLD 4800 PCT
SUPER-TRACE DATA 2
FILTER:
TYPE F-K
EQUALIZATION:
DESIGN WINDOW 600 MS TWC
OUTPUT STACKED DATA:
FORMAT SEGY
TAPE SPECIFY:

1 DB 6250 INTERNAL

DISPLAY PARAMETERS

TRIATHLON PROJ. NO. 0228-C131-2E

LINE NO. 99-EL380-14 PART NO. 1 OF 1 R.R. 5.5X