

ENCLOSURE 114

CANADIAN
FOREST
OIL LTD.

92 28-C131-2E

92 28 MAXIMISE

LINE: 99-EL380-10
SPS: 193 - 976

PRE-STACK
MIGRATION

NORMAL POLARITY

STATICS PARAMETERS
DATUM: 500 ft REFL VEL: 4000 M/S

FIELD PARAMETERS
SHOT FOR: CANADIAN FOREST OIL LTD. SEPT. 1999
SHOT BY: POLARIS EXPLORER LTD. CREW 2

INSTRUMENTS	GEOPHONES
NAME/MODEL: ARRAY 24 MARK 1	TYPE: 010 GS38
S.R.L.: 2.15	FREQUENCY: 10 HZ
LENGTH: 1 SEC	DAMPING: 1
FILTER: 1.5 - 184 HZ	NUMBER/GROUP: 6
NOTCH: OUT	SPACING: 3 ft
FORMAT: SEC-1	GROUP LENGTH: 15 ft

SOURCE	SPREAD
TYPE: DYNAMITE	FOLD: 4000 PCT
CHARGE: 20 KG	S.P. INT: 30 ft
DEPTH: 20 ft	GRP. INT: 15 ft
NO. IN LINE: 1	

CONFIGURATION
3000--15--15--5000 ft
1--240--241--400

PROCESSED SEPTEMBER 1999 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE

DEMULPLEX:	2.0 MS
PROCESS SAMPLE RATE:	5.0 SEC
PROCESS RECORD LENGTH:	
AMPLITUDE RECOVERY:	KEYJUMP(X)EXP(ATT) NO1 AND NO2
EXPONENTIAL GAIN CURVE:	
TRACE EDITING:	
PHASE COMPENSATION:	GEOPHONE AND INSTRUMENT
TYPE:	
DECONVOLUTION:	
TYPE:	SURFACE CONSISTENT SPINNING
OPERATOR LENGTH:	80 ft
PREMUTATION:	0.1 ft
DESIGN DATE:	500 - 500 ft AT 10% OFFSET
	1000 - 500 ft AT 20% OFFSET
	500 - 500 ft
OFFSET RANGE:	
PARTIAL SPECTRAL BALANCING:	
FREQUENCY:	0 - 80 HZ
EQUALIZATION:	SAVE WINDOW NO DECON
DESIGN DATE:	
STATICS (REFRACTION):	
METHOD:	GENERALIZED LINEAR INVERSION
FREQUENCY SPACING:	EVERY SHOT
DATUM ELEVATION:	500 ft
VERTICAL VELOCITY:	700 ft/SEC
HORIZONTAL VELOCITY:	4000 ft/SEC
SORT:	
TO EQUAL CDP INTERVAL:	
VELOCITY ANALYSIS:	
METHOD:	CONSTANT PERCENTAGE ROLLOUT
STATICS (RESIDUAL): 1ST PASS	
TYPE:	AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW:	500 - 500 ft
PRESTON SHIFT:	1/2 - 10 ft
CORRELATIONS PER TRACE:	15
NUMBER OF ITERATIONS:	2
VELOCITY ANALYSIS:	
METHOD:	CONSTANT PERCENTAGE ROLLOUT
STATICS (RESIDUAL): 2ND PASS	
TYPE:	AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW:	500 - 500 ft
PRESTON SHIFT:	1/2 - 10 ft
CORRELATIONS PER TRACE:	15
NUMBER OF ITERATIONS:	2
PRE-STACK N.C. VEL. ANALYSIS:	
TYPE:	CONSTANT PERCENTAGE ROLLOUT
MUTE PATTERN:	500 ft 1000 ft 0
TIME:	500 500 500 1000 ft
EQUALIZATION:	500 ft NO
DESIGN WINDOW:	
PULL PRE-STACK MIGRATION:	
TYPE:	VELOCITY DEVIATION
DATUM REFERENCED TO PLATON VELOCITY DEVIATION:	
DEVIATION AT 500 ft AND 1000 ft:	
VELOCITY:	CLON - VELOCITY
	NOV 31 1999
STACK:	
TYPE:	0.1 HORIZONTAL
FOLD:	4000 PCT
OUTPUT STACKED DATA:	500
FORMAT:	500
FILTER:	0.15-1000
VELOCITY:	500 ft NO
OUTPUT STACKED DATA:	500
FORMAT:	500
FINAL QUALITY:	500

2 BY 11.11 INCHES

DISPLAY PARAMETERS