

SEISMOGRAPH SERVICE CORPORATION
OF CANADA

9 2 2 2 9 - P 2 8 - 6 E
FORT SIMPSON
LINE 8116
SP'S 101-591 (1200 %)
CLIENT : PETRO-CANADA
LOCATION: 95-H N.W.T.

STRUCTURE STACK

RECORDING PARAMETERS

RECORDING DATA
RECORDED BY ENERTEC GEOPHYSICAL
PARTY 168
DATE MARCH 1985
SAMPLE RATE 2 MS
RECORD LENGTH 4 SECONDS
TRACES/RECORD 120
INSTRUMENT TYPE DFS U
NOTCH FILTER OUT
RECORDING FILTER 18/128 HZ
TAPE FORMAT SEGB
LINE DIRECTION S.W. -> N.E.
TR. 1 LOCATION N.E.
SOURCE DATA
TYPE DYNAMITE
DEPTH 15 M
ARRAY SINGLE HOLE 1 KG
INTERVAL 125 M
RECEIVER DATA
TYPE 14 HZ
ARRAY INLINE - 9 @ 25 M
INTERVAL 25 M
SPREAD CONFIGURATION 1500-25-X-25-1500 M

PROCESSING SEQUENCE

1. DEMULTIPLEX
 2. TRACE EDITING
 3. PHASE COMPENSATION
INSTRUMENT & GEOPHONE
 4. GAIN RECOVERY
 5. SORT INTO CDP ORDER
 6. DECONVOLUTION
TYPE: MINIMUM PHASE SPIKING
48 MS OPERATOR LENGTH
1 % PREWHITENING
WINDOW: 200 TO 1100 MS AT 25 M
900 TO 1400 MS AT 1500 M
 7. TRACE EQUALIZATION
 8. DRIFT/DATUM STATICS
DATUM: 250 M
REPLACEMENT VELOCITY: 3100 M/SEC
WEATHERING VELOCITY: 700 M/SEC
 9. VELOCITY ANALYSIS
CONSTANT VELOCITY STACKS
 10. NORMAL MOVEOUT CORRECTION
 11. FIRST BREAK MUTE
275 M / 300 MS
1500 M / 700 MS
 12. RESIDUAL SURFACE CONSISTENT STATICS
WINDOW: 250 TO 900 MS
 13. CDP TRIM STATICS
WINDOW: 200 TO 800 MS
 14. CDP STACK
1200%
 15. FINAL FILTER (ORMSBY)
15/24 - 80/90 HZ
 16. TRACE AMPLITUDE EQUALIZATION
WINDOW 1: 0 TO 300 MS
WINDOW 2: 300 TO 700 MS
- QUALITY CONTROL: ROB WILSON DATE PROCESSED: MAY 1985

DISPLAY PARAMETERS

36 TRACES PER INCH 10 INCHES PER SECOND
POLARITY NORMAL [X]
REVERSE []

