

SEISMOGRAPH SERVICE CORPORATION OF CANADA

FORT SIMPSON
LINE 8101
SP'S 102-1381 (1200 %)
CLIENT : PETRO-CANADA
LOCATION: 95-H N.W.T.

STRUCTURE STACK

RECORDING PARAMETERS

RECORDING DATA
RECORDED BY: ENERTEC GEOPHYSICAL
DATE: 16B
SAMPLE RATE: MARCH 1985
RECORD LENGTH: 2 MS
TRACES/RECORD: 4 SECONDS
INSTRUMENT TYPE: DFS U
NOTCH FILTER: OUT
RECORDING FILTER: 18/128 HZ
TAPE FORMAT: SEGB
LINE DIRECTION: N.W. -> S.E.
TR. 1 LOCATION: N.W.

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 (DRHSBY)
16/24 - 80/90 HZ
16. TRACE AMPLITUDE EQUALIZATION
WINDOW 1: 0 TO 300 MS
WINDOW 2: 300 TO 700 MS

QUALITY CONTROL: ROE WIGGS DATE PROCESSED: MAY 1985

DISPLAY PARAMETERS

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



