

SEISMOGRAPH SERVICE CORPORATION
OF CANADA

LINE 8114

SP'S 101-916 [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 V
NOTCH FILTER	OUT
RECORDING FILTER	18/128 HZ
TAPE FORMAT	SEGB
LINE DIRECTION	N. E. -> S. W.
TR. 1 LOCATION	N. E.

TR. 1 LO
SOURCE DATA

SOURCE DATA	DYNAMITE
TYPE	15 M
DEPTH	SINGLE HOLE 1 KG
ARRAY	125 M
INTERVAL	
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
DRIFT/DATUM STATICS
DATUM: 250 M
REPLACEMENT VELOCITY: 3100 M/SEC
WEATHERING VELOCITY: 700 M/SEC
8. VELOCITY ANALYSIS
CONSTANT VELOCITY STACKS
9. NORMAL MOVEOUT CORRECTION
10. 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
12000
15. FINAL FILTER (CRIMSEY)
16/24 - 80/90 HZ
16. TRACE AMPLITUDE EQUALIZATION
WINDOW 1: 200 TO 300 MS
WINDOW 2: 300 TO 200 MS

DISPLAY PARAMETERS

36 TRACES PER INCH 10 INCHES PER SECOND

POLARITY	NORMAL	[X]
	REVERSE	[]



