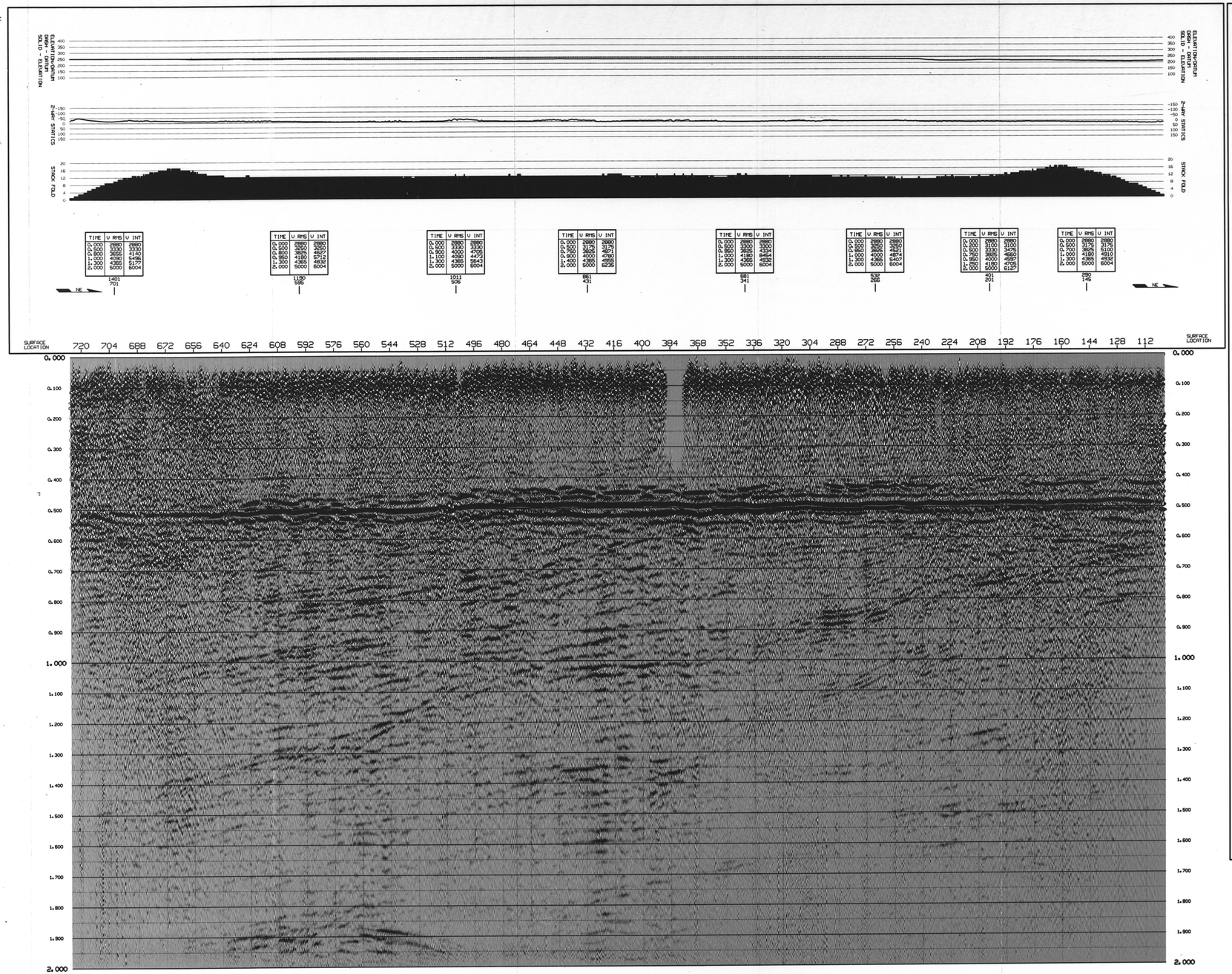

SEISMOGRAPH SERVICE CORPORATION
OF CANADA

FORT SIMPSON

LINE 8118

SP'S 101-726 [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	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)
    16/24 - 80/90 HZ
16. TRACE AMPLITUDE EQUALIZATION
    WINDOW 1: 0 TO 300 MS
    WINDOW 2: 300 TO 700 MS

QUALITY CONTROL: ROB WIENS — DATE PROCESSED: MAY 1985

DISPLAY PARAMETERS

36 TRACES PER INCH — 10 INCHES PER SECOND

POLARITY NORMAL [X]
REVERSE [ ]

2060 Walkley Rd. Ottawa, Ont. Canada K1G 3P5 Tel. (613) 731-9571 Telex 053-3502 Cable: TERRA
PROJ. NO. 9229-P28-6E
LINE NO. 8118
PART NO. 1 OF 1
R.R. 10X