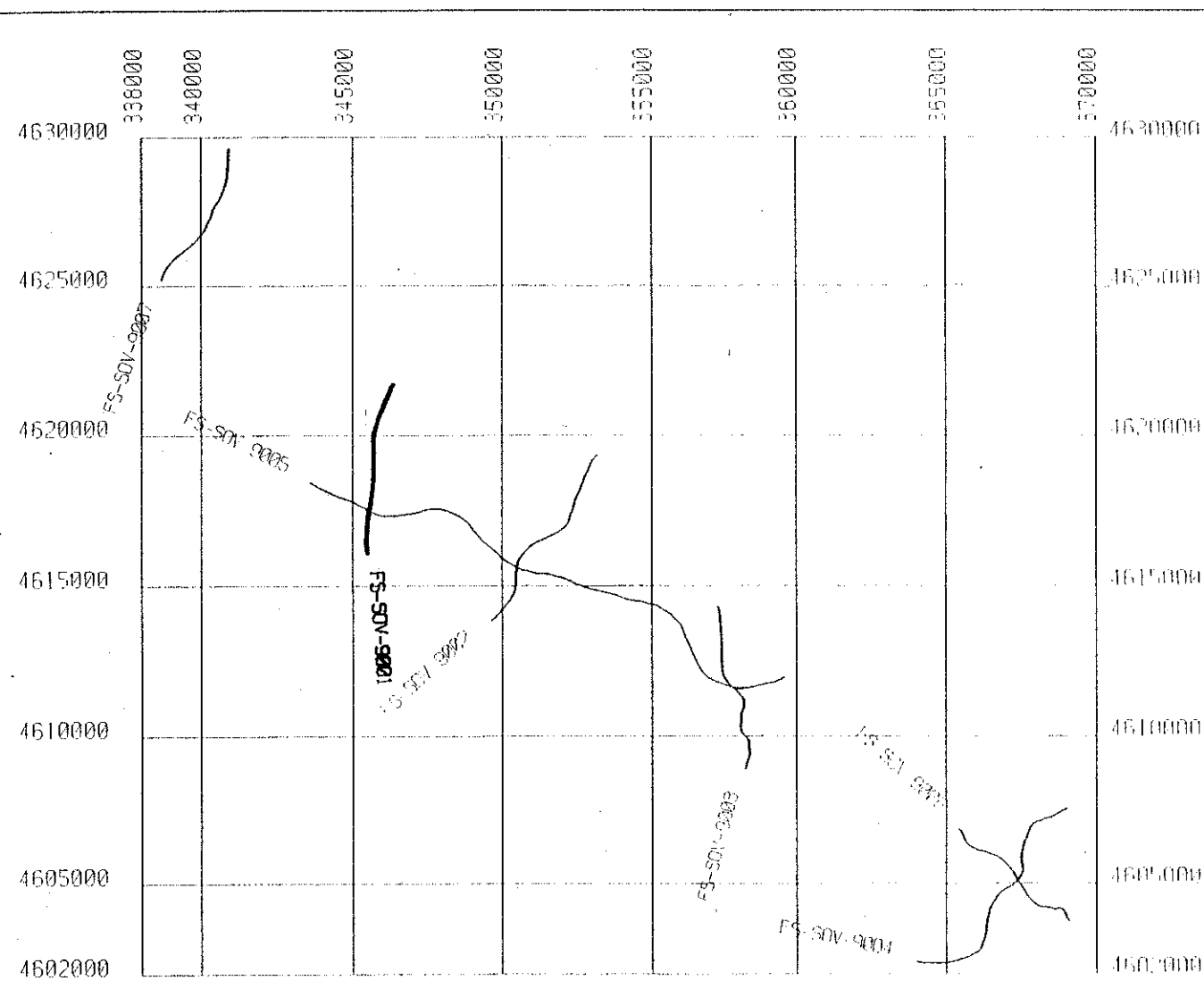


FINAL STACK



RECORDED BY ■ SIMON-HORIZON LTD
PARTY NO. ■ LCS
RECORDING DATE ■ DECEMBER 1990

RECORDED BY ■ SIMON-HORIZON LTD
PARTY NO. ■ LCS
RECORDING DATE ■ DECEMBER 1990

SOURCE VIBROSELS

SOURCE TYPE	1	VIBROSEIS	SWEEP FREQUENCIES	1	10-70 Hz
NO. OF VIBRATORS	1	4	SWEEP LENGTH	1	26 S
NO. OF SWEEPS	1	5	VIB SEPARATION	1	12 H < 0 >
MOVE UP PER SWEEP	1	5 H < A >	ARRAY LENGTH	1	56 H
V.P. INTERVAL	1	30 H			
CENTRE OF ENERGY	1	15 H IN FRONT OF STATION < C >			

SOURCE ARRAY

[illegible]

RECEIVERS

TRACES PER RECORD	# 120	ARRAY LENGTH	# 28.75 M
STATION INTERVAL	# 30 M	PATTERN	# 2 STRINGS OF
GEOPHONES/STATION	# 24		12 PHONES
GEOPHONE TYPE	# SM4U 20Hz	SPLIT SPREAD	# 60/60
NEAR TRACE OFFSET	# 75 M	FAR TRACE OFFSET	# 1845 M

RECEIVER ARRAY

[illegible]

RECORDING

```
INSTRUMENT TYPE  : SN348/CS2502      RECORD LENGTH    : 5 S
SAMPLE RATE      : 2 MS.              FORMAT           : SEGB 6250 8P1
LOW CUT FILTER   : 8 Hz  12 dB/OCT    HIGH CUT FILTER  : 125 Hz  72 dB/OCT
NOTCH FILTER     : 0 UT
```

POLARITY: UPWARD MOVEMENT OF GEOPHONE RECORDED AS NEGATIVE VALUE ON TAPE

```

PROCESSED BY      : SIMON-HORIZON LTD
DATE              : DECEMBER 1990 - MAY 1991
PROCESSED TO      : 5 S
DISPLAYED TO      : 5 S
SAMPLE RATE       : 4 MS.

```

```

PROCESSED BY      : SIMON-HORIZON LTD
DATE              : DECEMBER 1990 - MAY 1991
PROCESSED TO      : 5 S
DISPLAYED TO      : 5 S
SAMPLE RATE       : 4 MS.

```

- | | |
|----------------------------------|---|
| 1. DEMULTIPLEX | ■ USING SEGMENT TO HORIZON INTERNAL FORMAT
AMPLITUDE COMPENSATION 91-20.DG(11-99) 40 TO 2000 MS. |
| 2. RESAMPLE | ■ 10 4 MS. |
| 3. CDP GATHER
AND TRACE EDIT | ■ CROOKED LINE TECHNIQUE
NOMINAL 60 FOLD |
| 4. FIELD STATICS | ■ DIFFERENTIAL CORRECTIONS TO
FLOATING DATUM PLANE |
| 5. DECONVOLUTION | ■ BAND LIMITED 10 - 70 HZ.
OPERATOR LENGTH 92 MS.
PREDICTIVE GAP 14 MS.
DESIGN WINDOW
NEAR TRACE 200 - 2900 MS.
FAR TRACE 700 - 3000 MS.
APPLICATION WINDOW
NEAR TRACE 0 - 5000 MS.
FAR TRACE 600 - 5000 MS.
WHITE NOISE 1 % |
| 6. 1ST VELOCITY
ANALYSIS | ■ CONSTANT VELOCITY STACKS |
| 7. NMO
APPLICATION | ■ |
| 8. MUTE | ■ OFFSET (M) 150, 240, 540, 700, 950, 1320, 1650
TIME (MS) 0 - 40, 200, 500, 700, 900
ALL TIMES FOLLOWED BY 30 MS. TAPER INTO LIVE DATA |
| 9. SCALING | ■ FIXED LENGTH WINDOW OF 400 MS. |
| 10. CORRECTION TO
FINAL DATUM | ■ FROM FLOATING DATUM PLANE TO
MEAN SEA LEVEL |
| 11. RESIDUAL
STATICS | ■ SURFACE STATIC +/- 30 MS.
MAXIMUM STATIC +/- 30 MS. |
| 12. DIP MOVE OUT | ■ USING 30 OFFSET PLANES |
| 13. 2ND VELOCITY
ANALYSIS | ■ CONSTANT VELOCITY STACKS
(FROM FLOATING DATUM PLANE) |
| 14. RESIDUAL
STATICS | ■ CDP CONSISTENT
MAXIMUM STATIC +/- 6 MS. |
| 15. CDP STACK | ■ NOMINAL FOLD 60 |
| 16. FX-NOISE
ATTENUATION | ■ FX PREDICTIVE RANDOM NOISE ATTENUATION |
| 17. DECONVOLUTION | ■ OPERATOR LENGTH 100 MS.
PREDICTIVE GAP 32 MS.
DESIGN WINDOW 0 - 2200 MS.
APPLICATION WINDOW 0 - 5000 MS.
WHITE NOISE 1 % |
| 18. BANDPASS
FILTERS | ■ TIME (MS) POSSBAND (Hz)
0 - 500 20.25-50.96
1000 20.25-70.84
2000 20.25-60.12
1500 20.25-50.60
1700 16.28-50.68
2000 14.10-50.60
2500 14.10-45.54
3500 - 5000 11.14-40.48 |
| 19. TAU-P DIP
FILTER | ■ USING 70% MIXBACK OF ORIGINAL TRACE. |
| 20. SCALING | ■ DUAL WINDOW REC METHOD WITH LENGTHS OF 1000 AND
250 MS. SHORT WINDOW STOPPED AT 1500 MS.
70% EQUALIZATION OPTED |

TOTAL STATIC CORRECTIONS = SUM OF DIFFERENTIAL, FINAL CORRECTIONS
AND RESIDUAL STATICS.

```

HORIZONTAL SCALE      I 12.500
VERTICAL SCALE        I 10 CM/SEC.
GAIN                   I 1400
BIAS                   I 5 %
POLARITY               I NEGATIVE NUMBER PLOTTED AS WHITE TROUGH
JOB NO.                I L3.560

```

