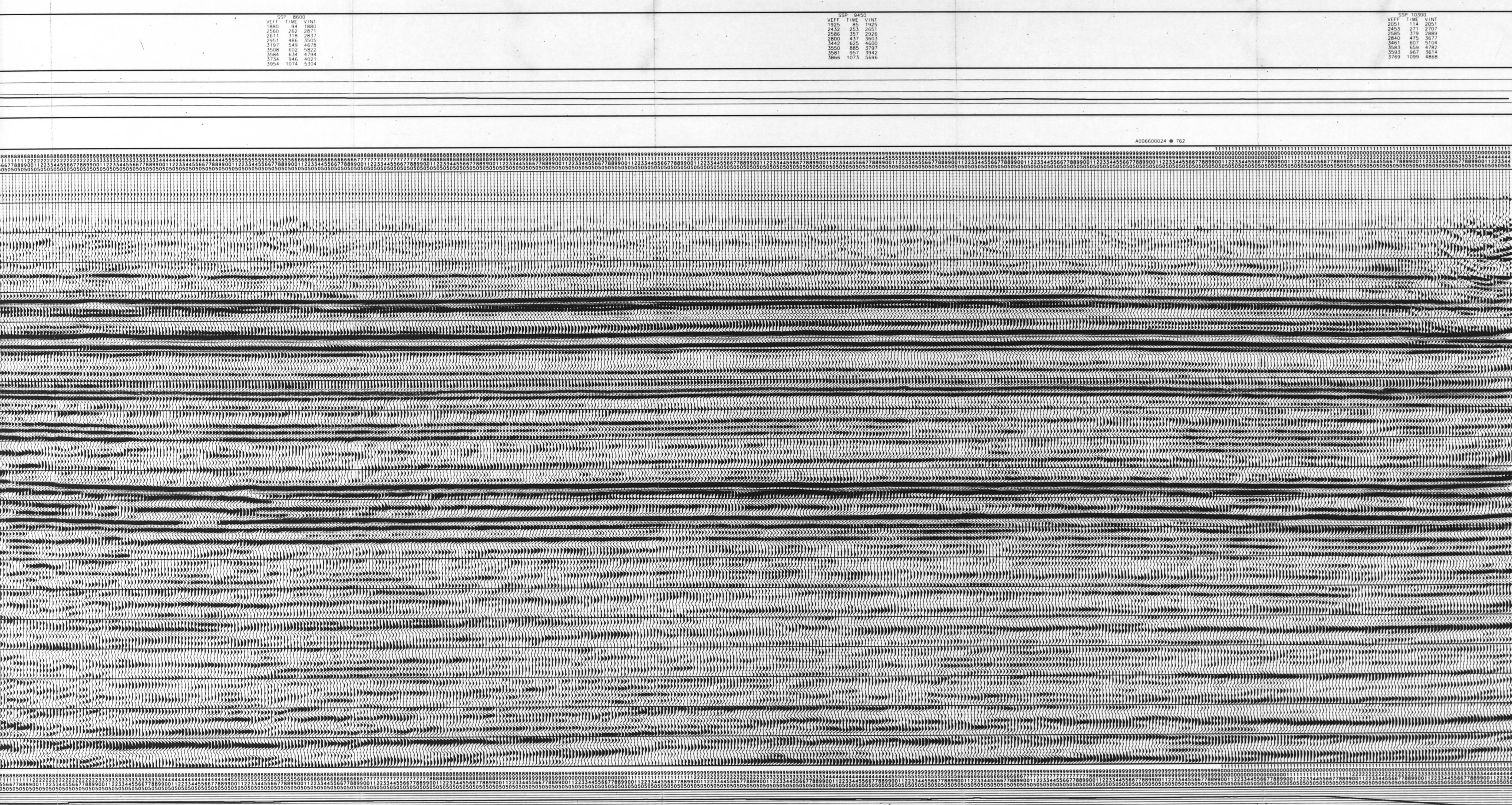




ENCLOSURE IV
SEISMIC LINE A00 66 00025

Shell Canada Limited

A006600025

MIGRATED STACK
NORMAL POLARITY

SP 411 TO 1046

W $\longleftrightarrow$ E

FOLD: 60
DATUM: 550M VCOR: 3050 M/S

SHOT BY: SONIC EXPLORATION
DATE: FEB, 1989
FIELD PARAMETERS:

RECORDING INSTRUMENT:

RECORDER: DFSV-828
HIGH CUT FILTER: 180 HZ 72 DB/OCT
RECORD LENGTH: 3.0 SEC

DIGI. INTERVAL: 2 MS
TAPE FORMAT: SEGH

GEOPHONE ARRAY:

1 STRING OF 12 LRS *
2.20 M BETWEEN GEOPHONES
14 HZ RESONANT FREQUENCY
0.6 DAMPING FACTOR

SOURCE:
NON-LINEAR VIBROSETS:
SWEEP FREQUENCIES: 6 - 74 HZ
SWEEP LENGTH: 16 S
SLOPE: 6 dB/OCT
BEGIN FREQUENCY: 8 HZ
VP OFFSET 12.5 M TOWARD ASCENDING STATION

SPREAD GEOMETRY:
DIRECTION SHOT: W -----> E
STATION SPACING 25.0M SOURCE SPACING 25.0M

SPREAD DIAGRAM - VP 731

TRN	1	60	61	120
STN	670	729	734	793

↓ ↓ ↓ ↓

-1537.5M -62.5M 62.5M 1537.5M

PROCESSING SEQUENCE:

- DEMULTIPLEX
- COMPRESSION

```

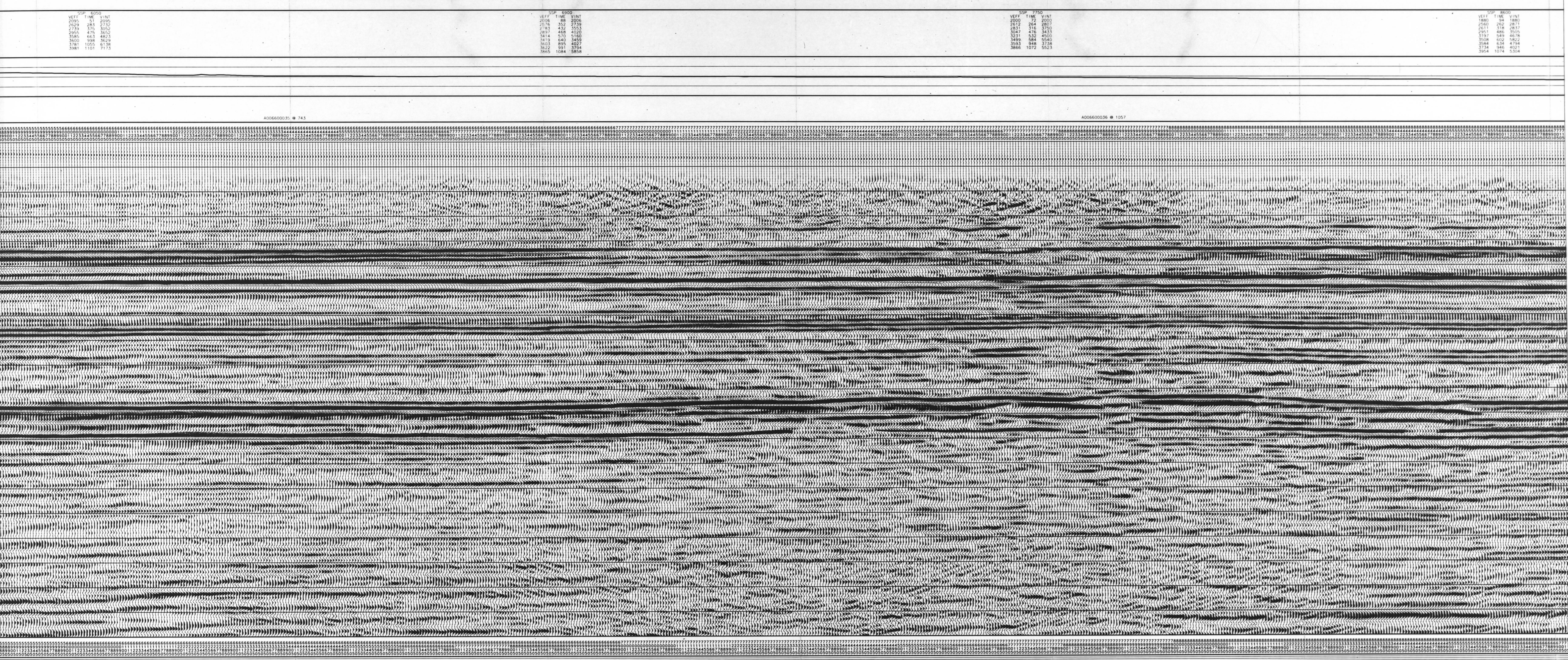
DEFINE INTERACTION STATISTICS
  DESPARE
  ANTI ALIAS FILTER
  RESAMPLE TO 4 MS
  FLAT BAND PASS
  EXPONENTIAL GAIN CORRECTION
  RT 1000
  DYNAMIC LIMITS -1500, 1500 M/S
  DECONVOLUTION
  DECONVOLUTION
  WHITE NOISE 0.01000
  DERIV. GATE 2, 4000 TO 15000 MS
  APPLY GATE 2, 4000 TO 15000 MS
  VOLTAGE RANGE 1200 MS
  SORT TO CMP NOISE
  CORRELATE DATA WITH RESPECT TO SURFACE
  COMPUTE SURFACE CONSISTENT STATISTICS
  REFERENCE MEAN
  DERIV. GATE 2, 4000 TO 1500 MS
  MAXIMUM SHIFT 20 MS
  MULTIPLETS, ATTENUATED
  COMPUTE SURFACE CONSISTENT STATISTICS
  REFERENCE MEAN
  DERIV. GATE 2, 4000 TO 1500 MS
  MAXIMUM SHIFT 20 MS
  APPLY CORRECTION
  NOISE CORRECT AND APPLY STATISTICS
  APPLY DECONVOLUTION CORRECTION
  APPLY MEETING
  TRACK IN PLANCE AND NORMALIZATION
  DERIVE WINDOW 400 TO 1500 MS LEVEL 20000
  END
  WAVE EQUATION (KIRCHHOFF) MIGRATION
  SURFACE STACKING WEIGHTS
  RESAMPLE TO 1 MS
  DECONVOLUTION
  FINAL DISPLAY FILTER

```

DISPLAY PARAMETERS:
HORIZONTAL SCALE 12 TR/IN
VERTICAL SCALE 7.50 IN/SEC

INTERPRETER: LEAVY
PROCESSOR: JONGERIUS
DATE: MAY-1989
QUALITY CONTROL: L. JOHNSON

0000-0000-0000-0000



ESP 6050

VERT	TIME	VINT
2095	81	2095
2096	81	2152
2139	375	3052
2925	478	3652
3580	663	4823
3620	698	3624
3781	1055	6136
3781	1101	9113

ESP 6000

VERT	TIME	VINT
2106	88	2006
2176	352	2739
2783	432	3553
2871	468	4020
3414	570	5160
3419	640	3459
3613	970	4052
3622	991	3784
3865	1084	5858

ESP 3750

VERT	TIME	VINT
2000	72	2000
2619	264	2857
2831	316	3750
3347	476	3413
3371	532	4501
3489	584	3540
3583	698	3738
3866	1072	5513

ESP 4800

VERT	TIME	VINT
1980	84	1980
2740	262	2871
2611	316	2837
2961	489	3076
3191	549	3676
3538	652	5822
3648	638	4154
3734	646	4101
3964	1074	4036

A006600035 743

A006600036 1057

