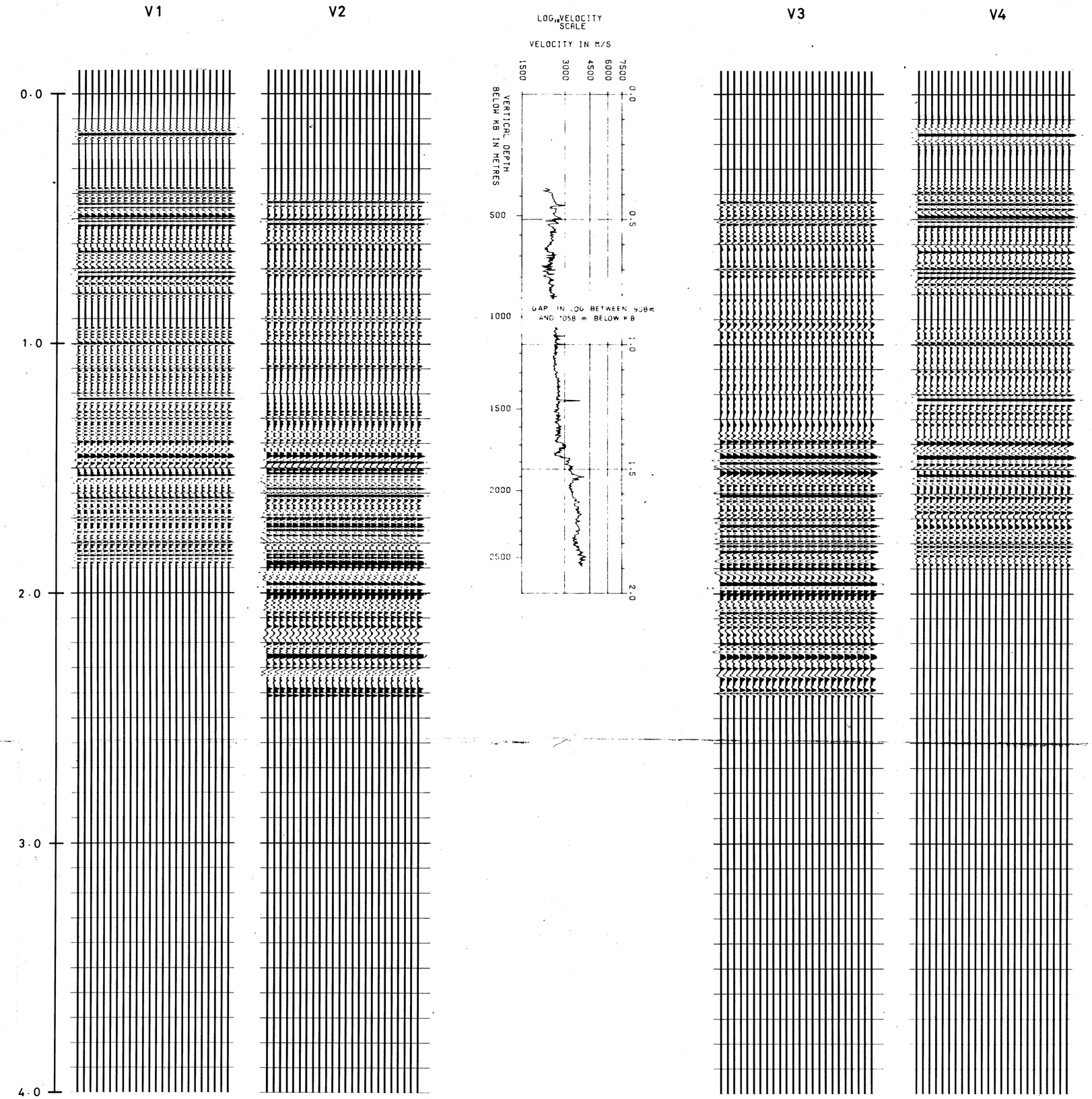

SEISMOGRAPH SERVICE (ENGLAND) LTD.

COMPANY : UNION TEXAS AUSTRALIA INC.
WELL : PISCES NO. 1
LOCATION : 39° 03′ 37.055″ S
148° 30′ 41.270″ E
DISPLAY : VSP/SYNTHETIC PRIMARIES ONLY (POLARITY 2)

TIME SCALE : 1 S = 3.75 IN
DEPTH SCALE : 10 TRACES/INCH
DATE PROCESSED : AUGUST 1982

FIELD ACQUISITION

SURVEY DATE	: 9TH MAY 1982
SOURCE	: 40 CU.IN SINGLE BOLT AIRGUN
SOURCE DEPTH	: 15.2 M
GUN PRESSURE	: 2000 PSI
SOURCE MONITOR	: NEAR FIELD HYDROPHONE
MONITOR DEPTH	: 18.3 M
WELL GEOPHONE	: WS
RECORDING EQUIPMENT	: DIGITAL CART.
SAMPLE INTERVAL	: 1 MS (V1 AND V4 2 MS)
SURFACE ELEVATION	: MSL
WATER DEPTH	: 122 M
VSP DATUM	: MSL

PROCESSING SEQUENCE

V1. SYNTHETIC SEISMOGRAM PRIMARIES WITHOUT TRANSMISSION LOSS TRACE
CONVOLVED WITH BANDPASS FILTER 1-5.80-100HZ
24 TRACE REPEAT

V2. EDIT
AUTOMATED TRACE ALIGNMENT
VERTICAL STACK OF CONSTANT DEPTH TRACES
SOURCE SIGNATURE DECONVOLUTION (300MS DERIVATION WINDOW)
AMPLITUDE RECOVERY T**1.0
FIRST ARRIVALS SHIFTED TO TWO-WAY TIME SUB DATUM
DOWNGOING WAVE SUBTRACTION
SPECIAL VSP DECONVOLUTION (590 MS DERIVATION WINDOW)
BAND PASS FILTER 1-5.80-100 HZ
13:1 MEDIAN PICK
FRONT CORRIDOR COMPOSITE TRACE PRODUCTION
(VARIABLE WINDOW STARTING 50 MS AFTER FIRST ARRIVALS)
BANDPASS FILTER 1-5.80-100HZ
24 TRACE REPEAT

V3. AS FOR V2 EXCEPT
BAND PASS FILTER REPLACED BY
TIME VARIANT FILTER
BEFORE AND AFTER FRONT CORRIDOR COMPOSITE
TIME VARIANT FILTER (FROM SEISMIC SECTION LINE GC80-11A)
AT 0.16 S 15 - 65 HZ
AT 0.56 S 13 - 65 HZ
AT 1.16 S 12 - 55 HZ

V4. SYNTHETIC SEISMOGRAM PRIMARIES WITHOUT TRANSMISSION LOSS TRACE
CONVOLVED WITH A TIME VARIANT FILTER (SEE ABOVE)
24 TRACE REPEAT

POLARITY 2 :
AN UPGOING COMPRESSION WAVE IS REPRESENTED BY A BLACK PEAK
THE DOWNGOING FIRST ARRIVAL COMPRESSION WAVE IS A WHITE TROUGH