

COMPANY : UNION TEXAS AUSTRALIA INC.
 WELL : PISCES NO. 1
 LOCATION : 30° 03' 37.055" S
 148° 30' 41.270" E

DISPLAY : VSP UPGOING EVENTS
 PLUS TRACKING FILTER
 ENHANCING DIFFRACTION EFFECTS
 (POLARITY 1)

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
 GUN PRESSURE : 1500 PSI
 GUN DEPTH : 100 FT
 SOURCE MONITOR : NEAR FIELD HYDROPHONE
 MONITOR DEPTH : 18.3 M
 SAMPLE INTERVAL : 0.125 S
 WELL GEOPHONE : MS
 SURFACE ELEVATION : NSL
 VSP DATUM : NS2 M

PROCESSING SEQUENCE
 U1. EDITED TRACE ON INVENT
 VERTICAL TRACE ON CONSTANT DEPTH TRACES
 SOURCE SIGNATURE DECONVOLUTION (300MS DERIVATION WINDOW)
 AMPLITUDE RECOVERY TO 1.0
 BAND PASS FILTER 1-5.80-100 HZ
 U2. AS FOR U1. PLUS
 DAMAGING WAVE SUBTRACTION
 BAND PASS FILTER 1-5.80-100 HZ
 U3. AS FOR U2. PLUS
 BAND PASS FILTER 1-5.80-100 HZ
 U4. AS FOR U3 EXCEPT
 BAND PASS FILTER 1-5.80-100 HZ REPLACED BY
 BEFORE AND AFTER MEDIAN PICK
 TIME VARIANT FILTER (FROM SEISMIC SECTION LINE GC80-11A)
 AT 0.16 S 15 - 65 HZ
 AT 1.16 S 12 - 55 HZ
 U5. AS FOR U4 EXCEPT
 13.1 MEDIAN PICK REPLACED BY
 TRACKING FILTER (1311 MEDIAN PICK. -8 TO +8 MS/TRI)
 U1-U5. TRACE EQUALISATION (100 MS WINDOW. 50 MS OVERLAP).
 PRIOR TO DISPLAY

POLARITY 1
 AN UPGOING COMPRESSION WAVE IS REPRESENTED BY A WHITE TROUGH
 THE DOWNGOING FIRST ARRIVAL COMPRESSION WAVE IS A BLACK PEAK

