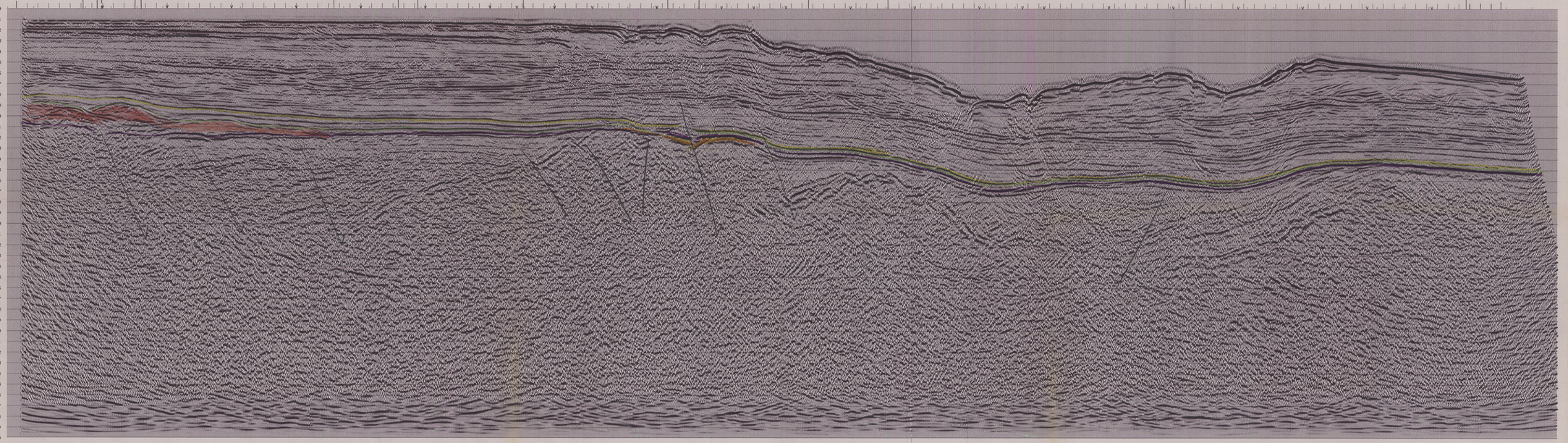

Plate 5a.

T/13p part 9 (copy)

NNE

5 cm

OTTER EXPLORATION N.L.
AREA T/13P-FLINDERS
LINE 80F-1
SHOTPOINTS 1-1380

WAVE EQUATION MIGRATION FINITE DIFFERENCE METHOD

FIELD DATA

CREW - EUGENE MCDERMOTT II PARTY 2931 DATE - 6TH. MAY 1980.

CABLE GROUP INTERVAL : 25 M. DEPTH : 10 - 12 m. LENGTH : 2400 m. NO. OF GROUPS : 96

SOURCE TYPE : AIRGUN DEPTH : 7 m. SHOTPOINT INTERVAL : 25 M. CAPACITY : 1450 cu. ins. OFFSET : 246 M.

SYSTEM TYPE : DFS V 9 TRACK RECORD TIME : 0 SEC. FILTER : Hi 128 Hz. 72 db/oct Lo 8 Hz. 18 db/oct FORMAT : SEGB SAMPLING : 2 MSEC.

PROCESSING

1 DEMULTIPLEX (2 on 1 adj trace sum) EXPONENTIAL GAIN 2.5 db/sec - GATE 0.25 sec.
2 AIRGUN DELAY - 51ms.
3 STATICS SHIFT 12 ms. (SOURCE & CABLE DEPTHS)
4 RESAMPLE TO 4 ms.
5 COMMON DEPTH POINT GATHER
6 DECONVOLUTION (SPIKED)
SP ALL, NO OF FILTERS 1
WHITE NOISE 1%
FILTER LENGTH 320 ms.
GAP LENGTH
7 VELOCITY ANALYSIS
8 ZMULT
9 VELOCITY ANALYSIS
10 NORMAL MOVEOUT
11 MUTING
12 CDP SUM 48 FOLD
13 DECONVOLUTION (GAPPED)
SP ALL, NO OF FILTERS
WHITE NOISE 1%
FILTER LENGTH ms
GAP LENGTH ms

TIME VARIANT FILTERING

TIME (SEC.)	FILTER (HZ.)
0.0	15-60
1.0	12-55
2.0	10-50
3.0	10-40
4.0	10-40

SCALE
TIME VARIANT SCALING (500 ms. gate)
DISSTAK
MIGRATION : LAYER THICKNESS = 40 ms.
V = VELOCITY ANALYSIS LOCATION
DISPLAY

C46039

HORIZONTAL SCALE 10 tr./inch
VERTICAL SCALE 10 cm /sec

PROCESSED BY
digicon
SINGAPORE
DATE 4TH. FEBUARY 1982.

QUALITY CONTROL CHECK
DISPLAY & DRAFTING Yuba
SEISMIC Tay
PARTY CHIEF Charlton
INDEX NO.

OR-098

Plate 5a