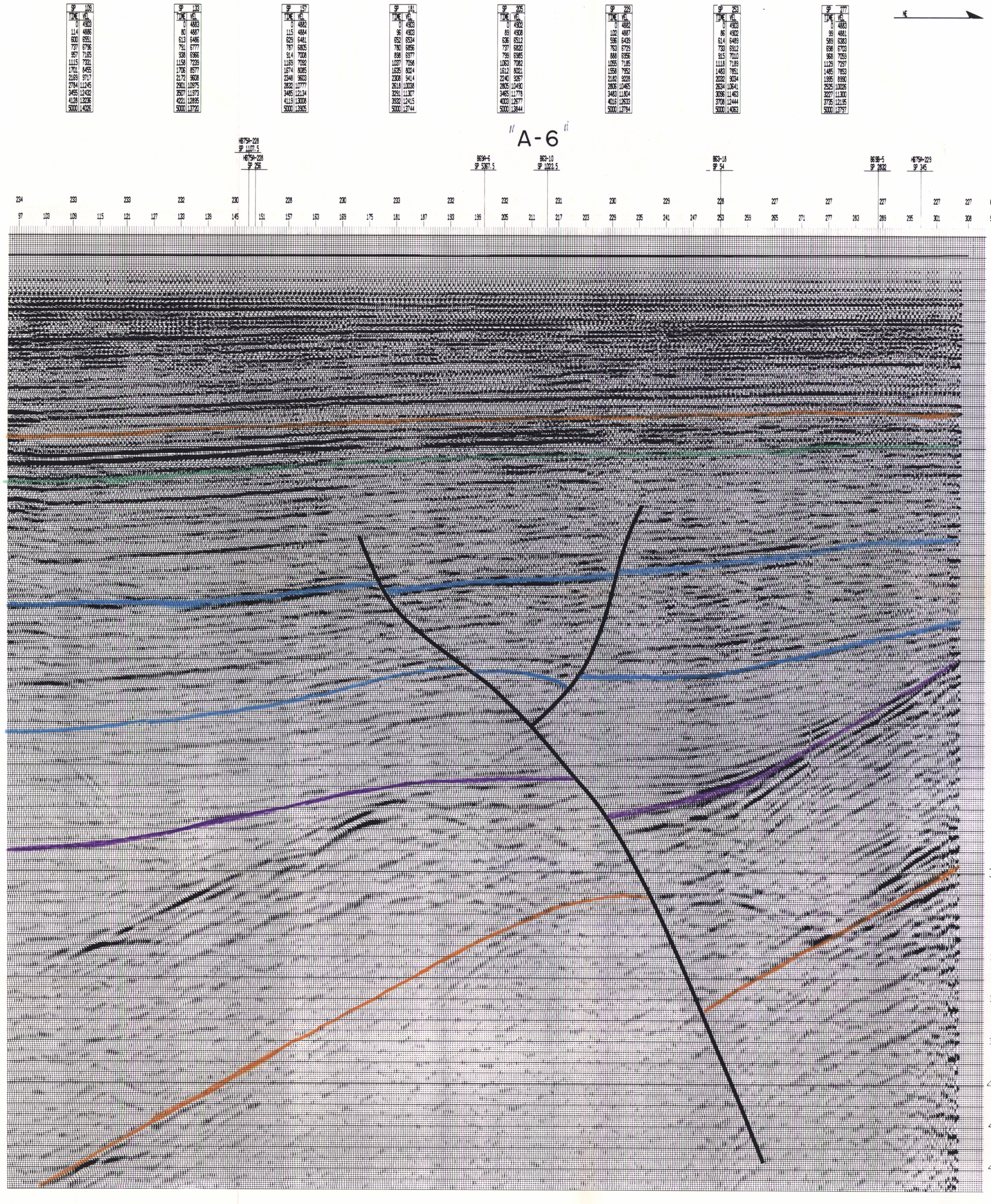


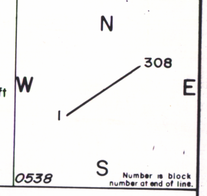
HEMATITE PETROLEUM PTY. LTD.

HB75A SEISMIC SURVEY	HB75A-224

FIELD DATA: Shot by: GSI Party 931 M.V. McDermott

Recorded: 48 Trace DFS III (2 Systems)
Sample Rate: 4 m secs. Record Length: 5secs.
Filter: HI 62 Hz/72 db/oct, LO 8 Hz/ 18 db/oct.
Gain: Binary
Energy Source: Airgun, 1200 cub ins
Source Depth: 30-35 ft Streamer Depth: 50-60ft
Group interval: 219 ft. Shot interval: 73ft
Streamer: 3200 m, 48 groups, towing group 48
Average Offset to centre of group 48: 902 ft
Date: January '75

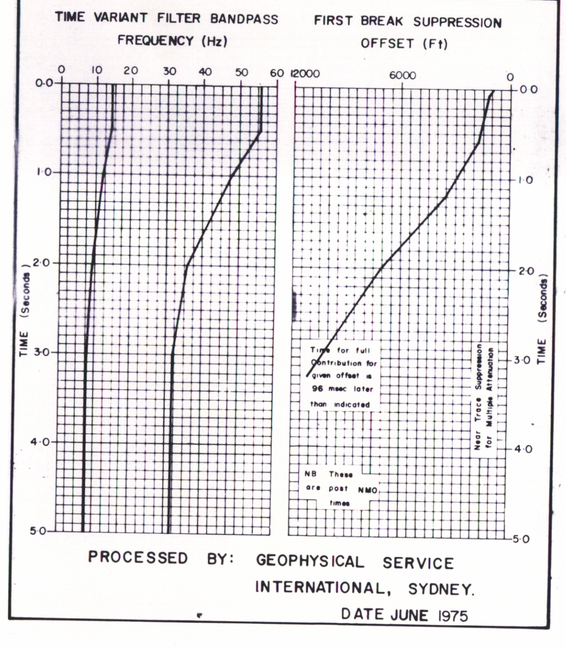
LINE 0396 DIAGRAM



PROCESSING INFORMATION:

1 True Amplitude Recovery (-12db, 5db/sec. 0-3·5 secs.)
2 Vertical Stack 3:1
3 Deconvolution Before Stack
SP's 1 - 308, 2 Operators/Trace, 64 pts. Gap = 0 msec.
4 24 Fold Common Depthpoint Gather
5 Sealevel Static and Airgun Delay Corrections
6 Preliminary Normal Moveout Corrections
7 Preliminary 24-Fold Stack, 24 Traces.
8 Velocity Analysis:
Continuous 700 Pkg 100m Depth Points
9 Normal Moveout Corrections
10 24 Fold CDP Stack, 48 Traces
11 Deconvolution After Stack, 2 Operators/Trace, 70 pts. Gap = 0 msec.
12 Time Variant Filter
13 Cross Record Mix on T.V.F. Section
Weighted Mix over 3 Traces
Contributions = 10%, 80%, 10%.

14 Display Normal Polarity, 10 traces/cm. (0·53 miles/inch) Horizontal Scale
3·75 ins/sec. Vertical Scale



PROCESSED BY: GEOPHYSICAL SERVICE INTERNATIONAL, SYDNEY.
DATE JUNE 1975

Enclosure Line 14

THLP Part 6

OR-202

5 cm

216142

(14)