



**HEMATITE PETROLEUM PTY. LTD.**

**FLINDERS SEISMIC SURVEY** **HB-73A-143**

**FIELD DATA** Shot By: [unclear], M. J. McDermott  
 Recorded: 48 Trace DP-5 III (L) System  
 Sample Rate: 4 msec. Record Length: 5 sec.  
 Filter: Hi 62 Hz / 72db/oct., Lo 8 Hz / 18db/oct.  
 Gain: Binary  
 Energy Source: Argon, 1200 cu in.  
 Source Depth: 30-35 ft. Streamer Depth: 55-60 ft.  
 Group Interval: 219 ft. Shot Interval: 7.4 ft.  
 Streamer: 3200m, 48 groups, towing group 48  
 Average Offset to centre of group: 48 955 ft.  
 Date: Sept '73

**PROCESSING INFORMATION**

1. True Amplitude Recovery
2. Vertical Stack (3 on 1)
3. Deconvolution Before Stack
4. Operators / Trace, 64 pts
5. Gap = 0 msec
6. 24 Fold Common Depthpoint Gather
7. Levelled Static and Argon Delay Corrections
8. Preliminary Normal Moveout Corrections
9. Preliminary 24 Fold Stack of Alternate Depthpoints
10. Velocity Analysis: Continuous 700 Pkg on Alternate Depthpoints
11. Normal Moveout Corrections
12. 24 Fold CDP Stack
13. Deconvolution After Stack, 2 Operators / Trace, 70 pts
14. Gap = 0 msec
15. Time Variant Filter
16. Time Migration
17. Depth Conversion

Scale: 1 sec. Normal Fidelity, 10 traces/cm (1.06 miles/trace). Horizontal scale: 1 cm = 1000 ft. V/N = 2:1

Jan. '74

5 cm

374104

06 3346

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