

072138

THP

RETURN

MAGELLAN PETROLEUM AUST. LTD.

NORTH EAST FURNEAUX

NEF-6

FIELD DATA: GSI Party 931

Recorded: 2 X 24 Trace

Energy Source: AIRGUN 1200 cu. in.

Sample Rate: 4 ms.

Filter: 8-62 Hz

SP Interval: 50m.

Streamer: 2400m, 48 Groups, Towing Group 48

Offset (to Airguns to Group 48): 320 m.

Date: MAY '73

PROCESSING:

By GEOPHYSICAL SERVICE INTERNATIONAL, Sydney, Date JUNE 1973

1 True Amplitude Recovery.

2 Statics.

3 Deconvolution Before Stack: 4 Operator / Trace, 20 pts, 4 ms.

4 Time Variant Scaling, 4 Gates: 4X1000 msec.

5 Common Depth Point Gather

6 Velocity Analysis: Mini 700 Package (703)

7 Normal Moveout Corrections

8 24 Fold CDP STACK

9 Deconvolution After Stack: 2 Operators / Trace 80pts, 4 ms

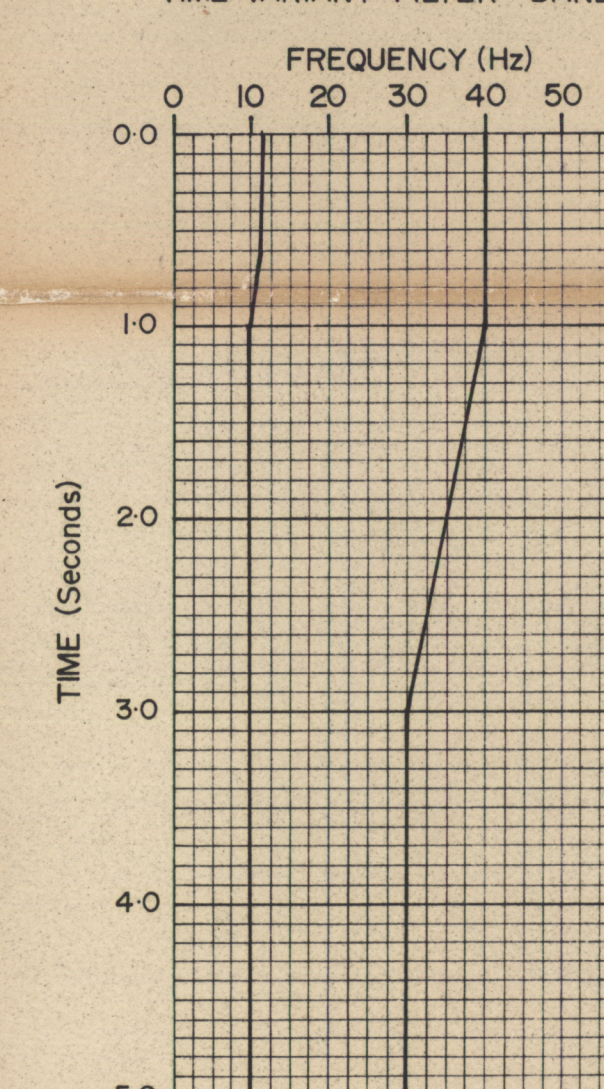
10 Time Variant Filter

11 Display Polarity Normal Depth Section

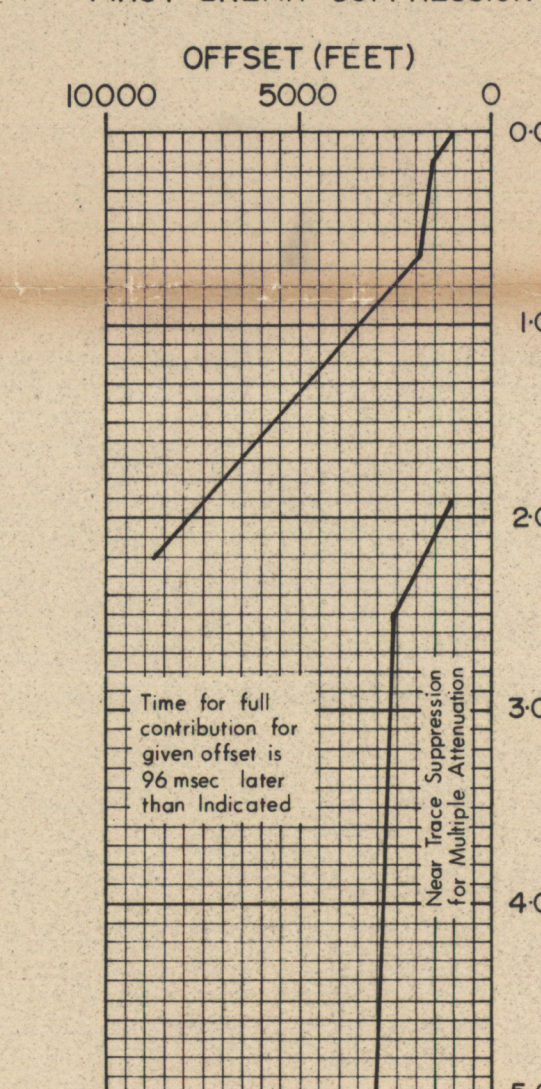
Horizontal Scale = .375mile/inch

Vertical Scale = 3.75inch/sec

TIME VARIANT FILTER BANDPASS



FIRST BREAK SUPPRESSION



5 cm