

LINE NEF-9  
SP 1-200

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NORTH 43° EAST

072140 **THP** 02-030

# MAGELLAN PETROLEUM AUST. LTD.

## NORTH EAST FURNEAUX

## NEF-9

SP	6
TIME	VEL
842	4800
1014	5627
1464	6949
1771	8002
3000	11000
5000	13400

LINE M54B  
SP 41  
LINE M52B  
SP 53

SP	102
TIME	VEL
840	4800
1250	5600
1870	7350
2200	8500
3178	10793
5000	13100

SP	150
TIME	VEL
852	4800
1170	5208
1746	6677
2610	9000
3700	11000
5000	13000

LINE NEF-4  
SP-59

WATER DEPTHS IN FEET 1606

1767

2016

2110

2342

2842

SHOTPOINTS

1

41

81

121

161

200

FIELD DATA: GSI Party 931

Recorded: 2 X 24 Trace

Energy Source: AIRGUN 1200 cu. in.

Sample Rate: 4 ms.

Record Length: 5.0 sec.

Filter: 8-62 Hz

Gain Control: AGC

SP Interval: 50 m.

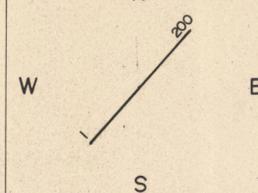
Group Interval: 50 m.

Streamer: 2400 m, 48 Groups, Towing Group 48

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

Date: MAY '73

LINE N DIAGRAM



PROCESSING:

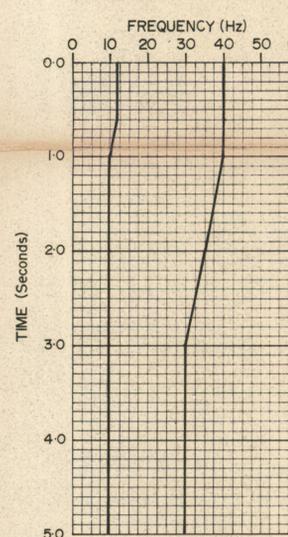
By GEOPHYSICAL SERVICE INTERNATIONAL, Sydney, Date JUNE 1973

- 1 True Amplitude Recovery.
- 2 Statics.
- 3 Deconvolution Before Stack: 4 Operator / Trace, 20 pts, 4 ms.
- 4 Time Variant Scaling, 4 Gates: 4 X 1000 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 80 pts, 4 ms
- 10 Time Variant Filter

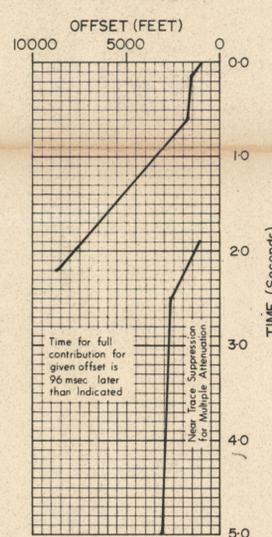
Display Polarity Normal Depth Section

Horizontal Scale = .375 mile/inch Vertical Scale = 3.75 inch/sec

TIME VARIANT FILTER BANDPASS



FIRST BREAK SUPPRESSION



Time for full contribution for given offset is 96 msec later than indicated

5 cm