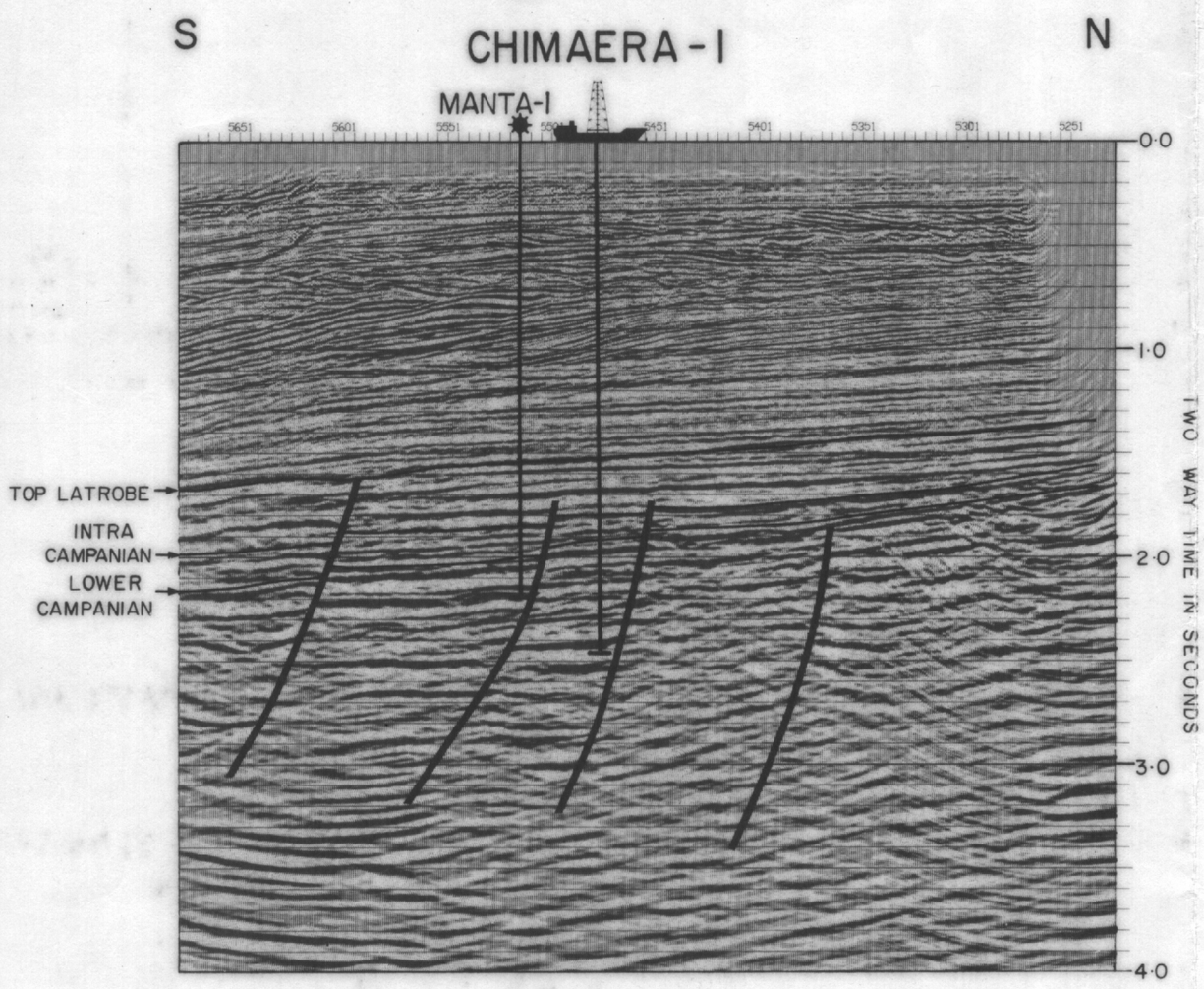
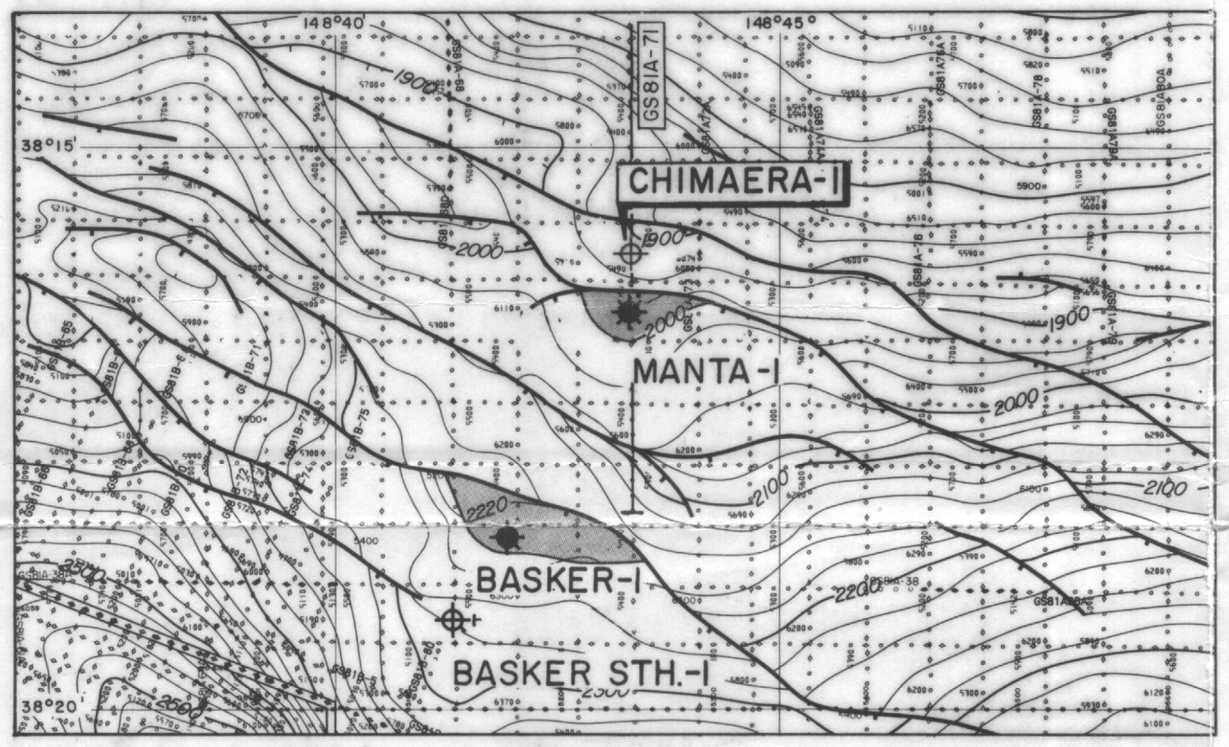
DEPT. NAT. RES & ENV
PE904812

LINE GS81-71A



MIGRATED SEISMIC SECTION

0 4 Km



MIGRATED TIME CONTOUR MAP
LOWER-CAMPANIAN MARKER

0 5 Km

Possible extent of hydrocarbons

SUMMARY

LOCATION : 12·5 km SW of Hammerhead and 1 km N of Manta-1 at S.P. 5480 on line GS 81A – 71A

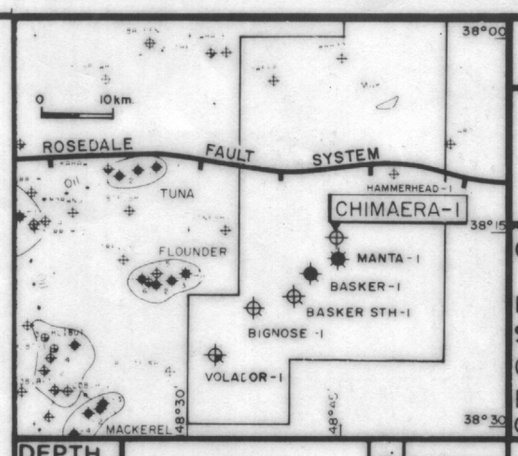
TRAP AND OBJECTIVE : Fault trap within the Campanian and older Latrobe Group. The objectives of the well are :

1) Fluvial Campanian sandstones above the volcanic section and
2) Santonian alluvial fan facies sandstones within the volcanics.

RESULTS : No significant hydrocarbons were found in either of the objectives. Log interpretation indicated 4 m of probable gas at the top of a sandstone at 3100 m, within the volcanic section.

CONCLUSIONS : Lack of lateral seal is seen as the main reason for the failure of the Chimaera trap. This was a significant risk associated with the prospect.
RFT pressure data indicate the Manta fault is sealing below 3230 m, probably providing the lateral seal for the gas/condensate accumulation found in Manta-1.

SOURCES OF DATA			UPDATES
DATE	AUTHOR	TITLE	
1981	SDA	48 FOLD SEISMIC SURVEY (GS81A) 1 x 1 km	



SHELL - AUSTRALIA E.& P. OIL AND GAS.

GIPPSLAND BASIN

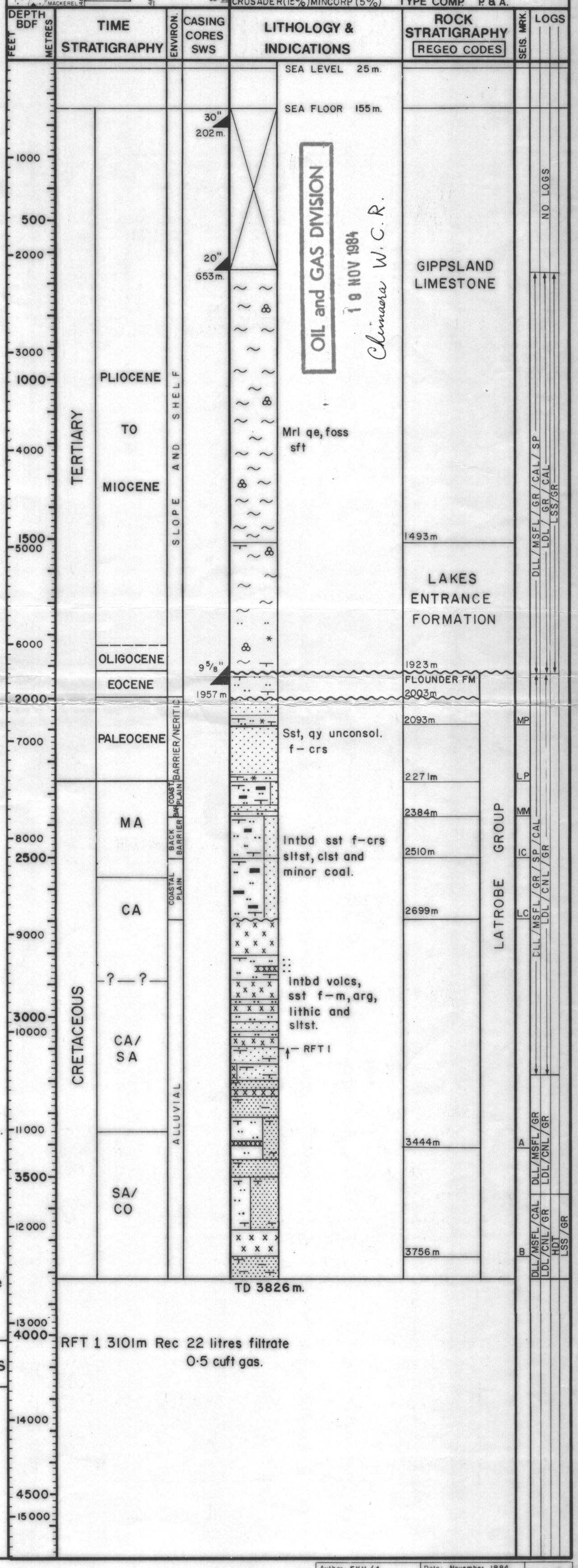
CHIMAERA-1

WELL SUMMARY SHEET

NFW

CO-ORDS: LAT. 38°15'56·37"S
LONG. 148°43'19·16"E
PERMIT No.: VIC/P19
STATE: VICTORIA
OPERATOR: SHELL (40%)
PARTNERS: NEWS (20%) TNT (20%) CRUSADER (15%) MINCORP (5%)

ELEVATION D.F. 25 m.
WATER DEPTH 130 m
PROPOSED DEPTH 3850 m.
RIG FORAMER NYMPHEA
SPUDDED 28·3·84
COMPLETED 19·5·84
TYPE COMP. P. & A.



OIL and GAS DIVISION
19 NOV 1984
Chimaera W.C.R.

Author: EXH/4	Date: November 1984	Encl. 2
Report No.: SDA 610	Drawing No.: 19939	