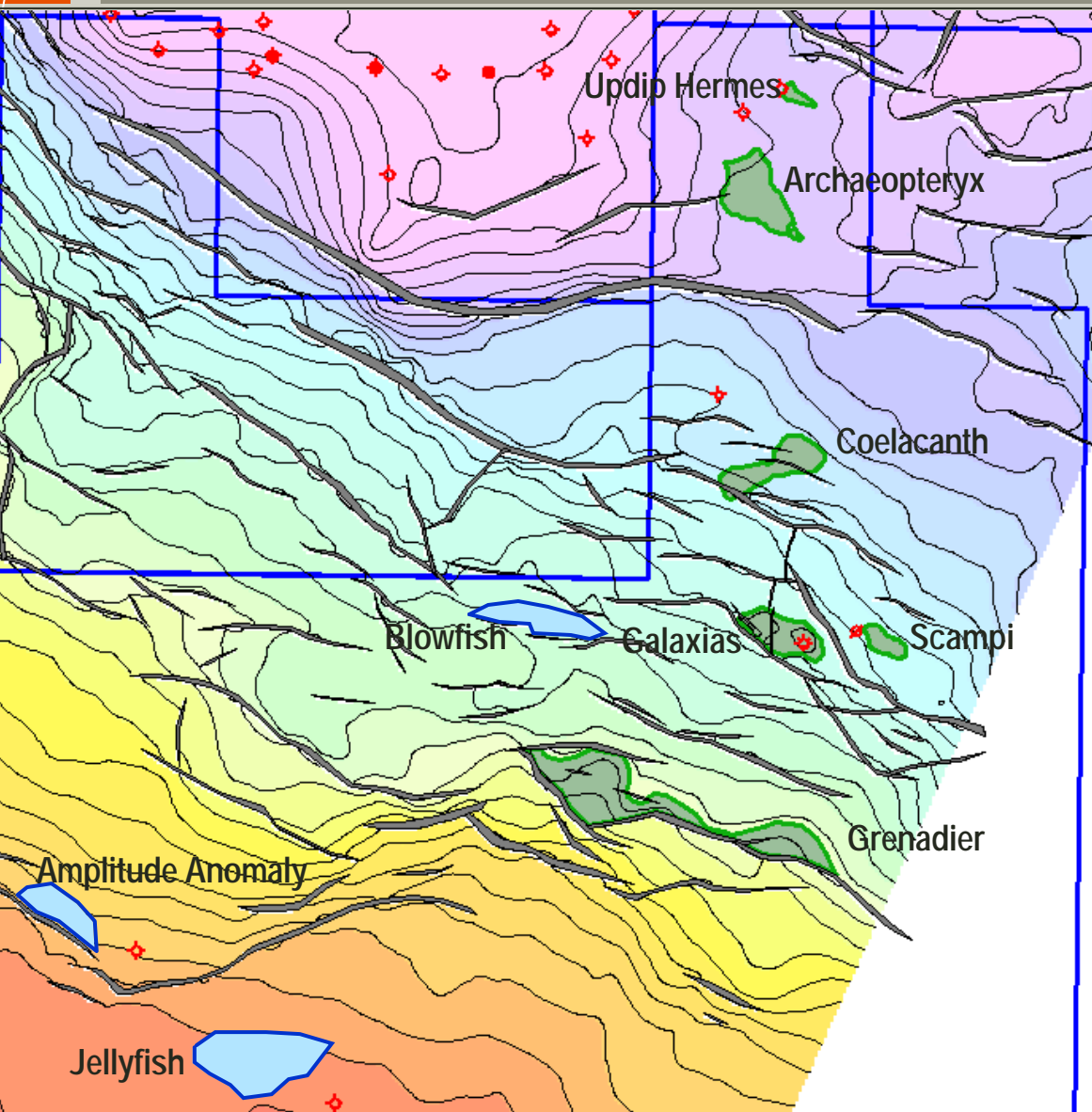
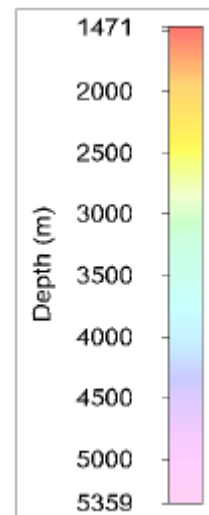


VIC/P45 Interpretation of Reprocessed Seismic Prospects and Leads Map



- Prospect or Lead
- Play Concept

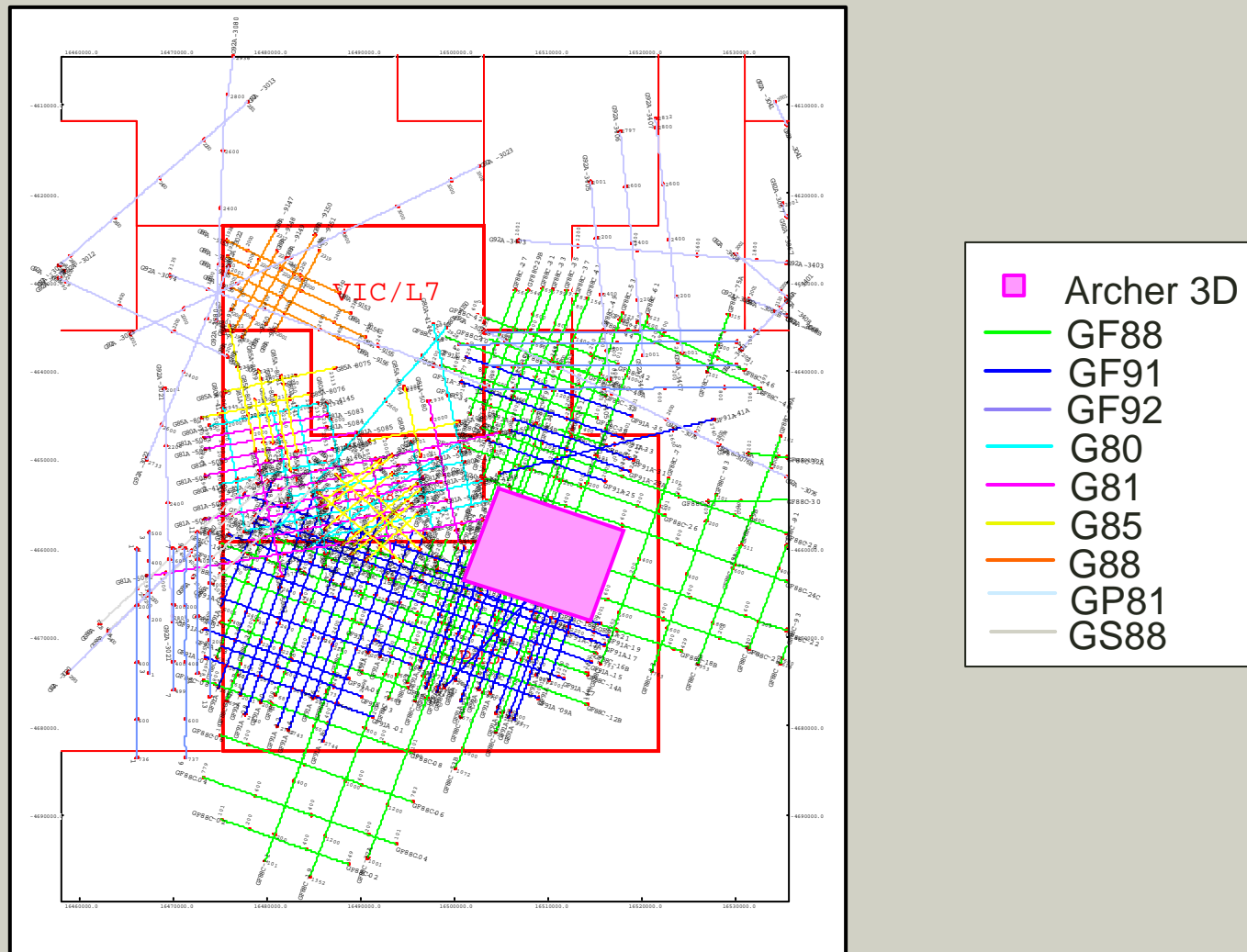


Top Golden Beach Depth

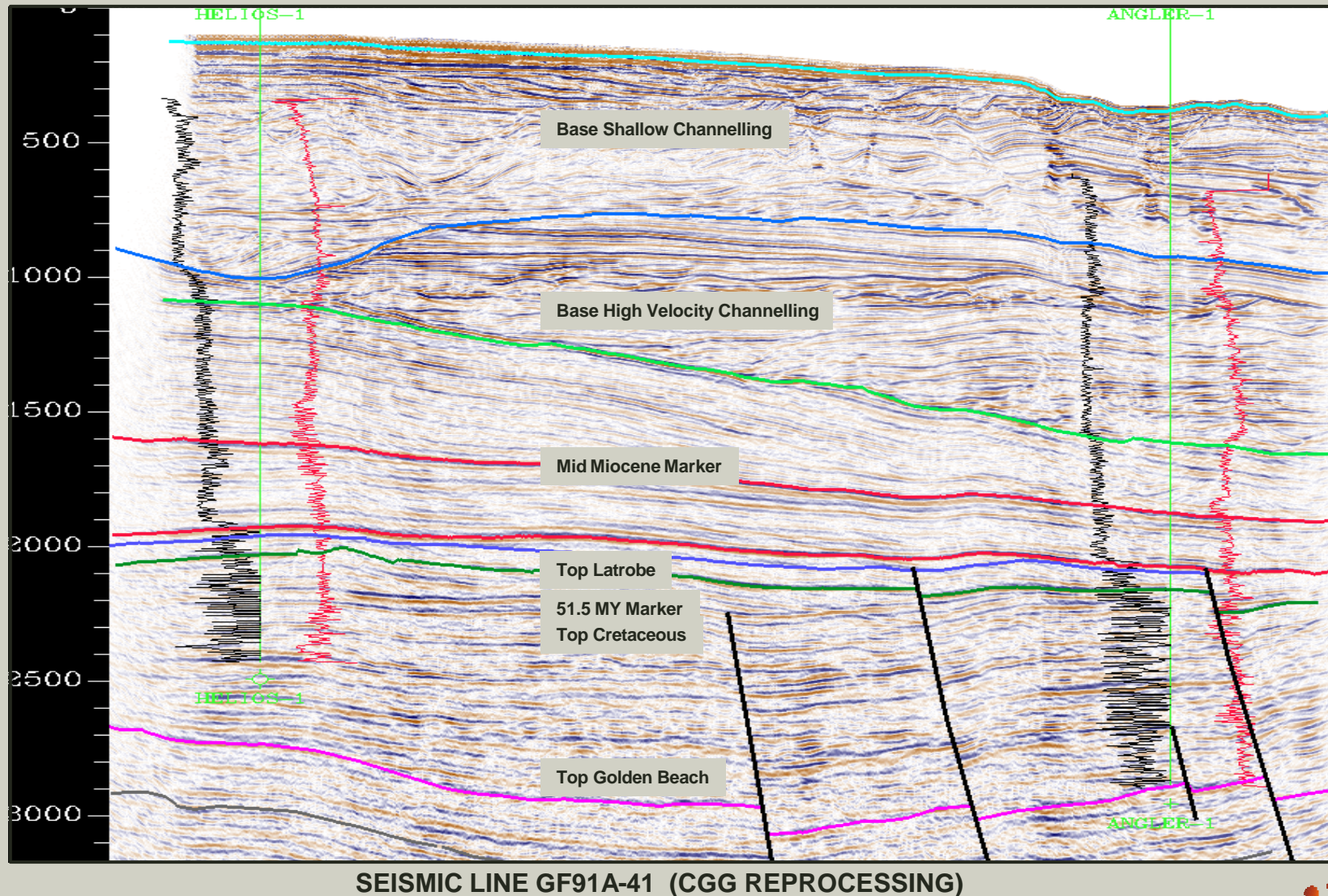
Figure 1



VIC/P45 interpretation of reprocessed seismic CGG 2D & 3D Reprocessed Data



VIC/P45 interpretation of reprocessed seismic Helios-1 to Archer-1 CGG Reprocessed seismic tie



VIC/P45 interpretation of reprocessed seismic TWT mapping: Base shallow channels

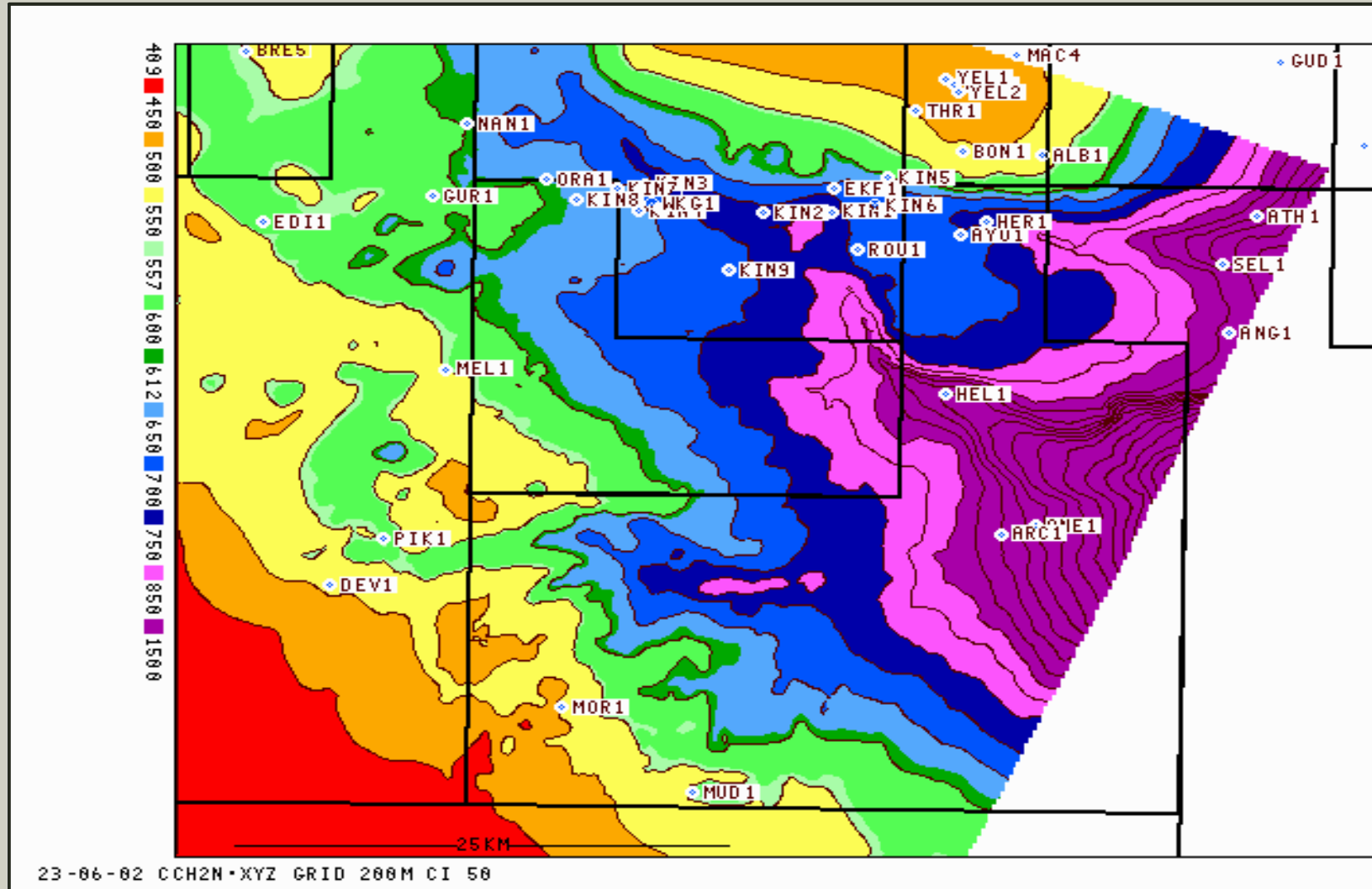
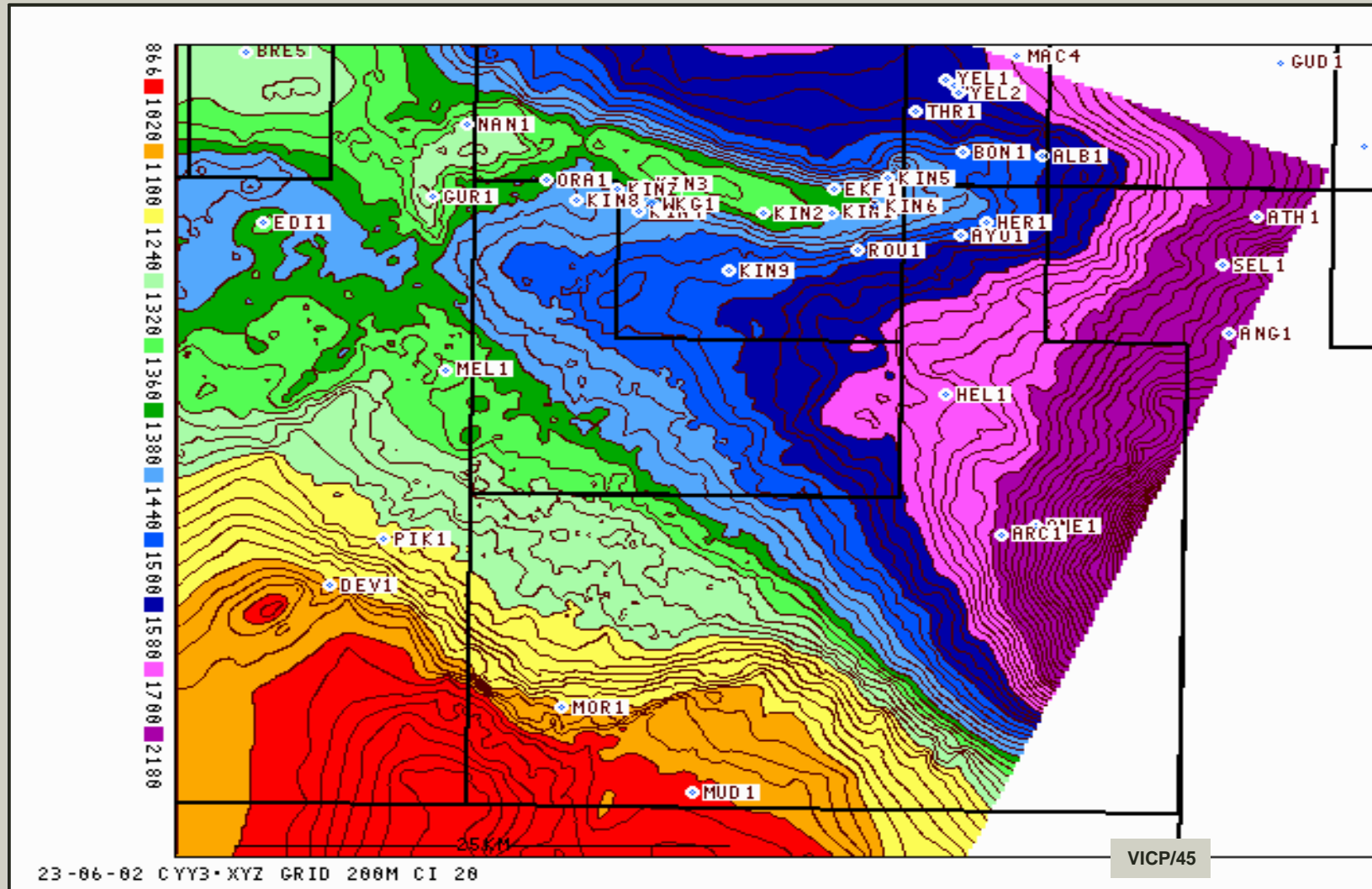


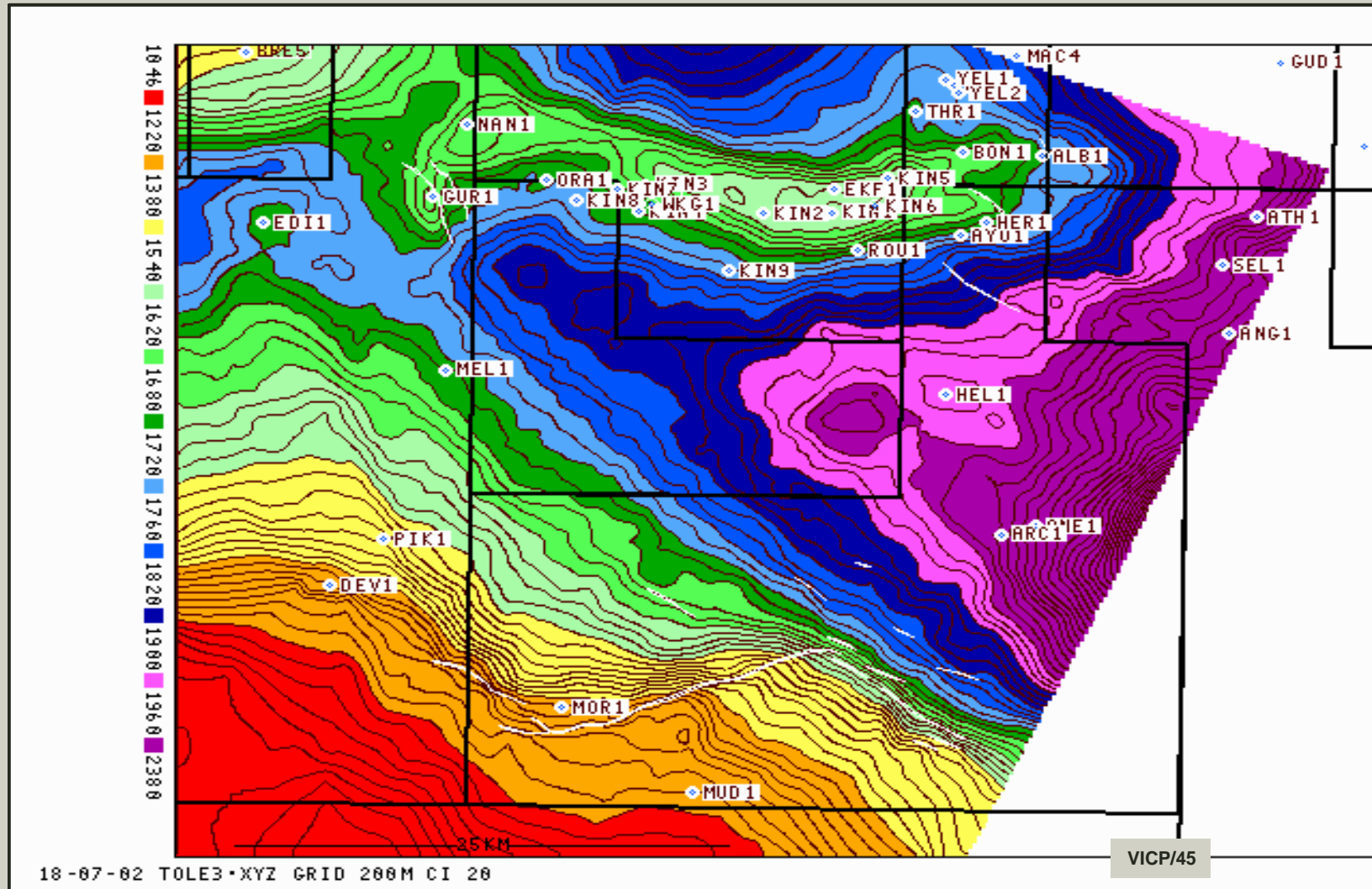
Figure 1



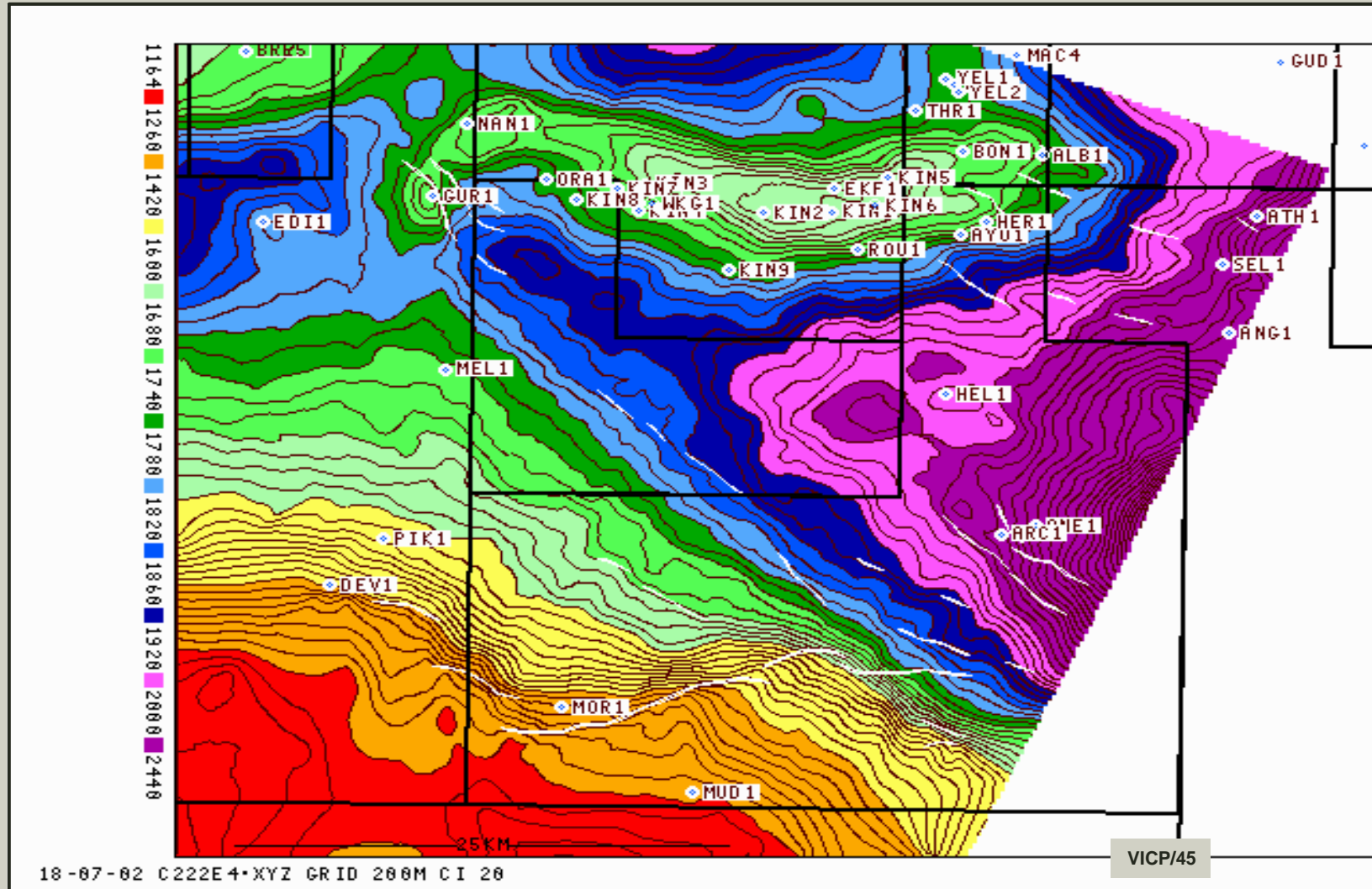
VIC/P45 interpretation of reprocessed seismic TWT mapping: Mid Miocene marker



VIC/P45 interpretation of reprocessed seismic TWT mapping: Top Latrobe Group



VIC/P45 interpretation of reprocessed seismic TWT mapping: 51.5Ma marker (Top Helios-1 reservoir)



VIC/P45 interpretation of reprocessed seismic TWT mapping: Top Cretaceous

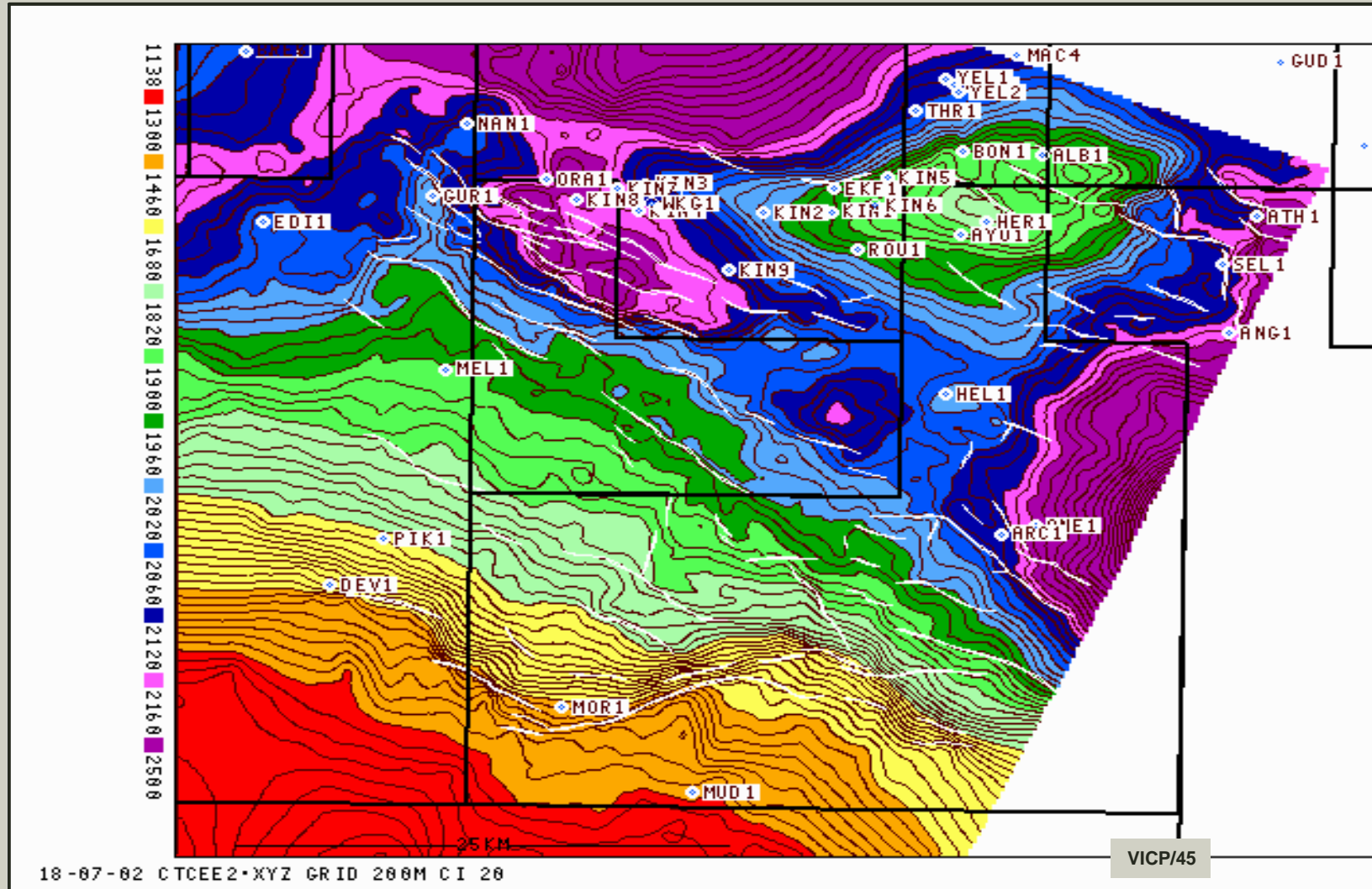


Figure 1



VIC/P45 interpretation of reprocessed seismic TWT mapping: Top Golden Beach Group (southern area)

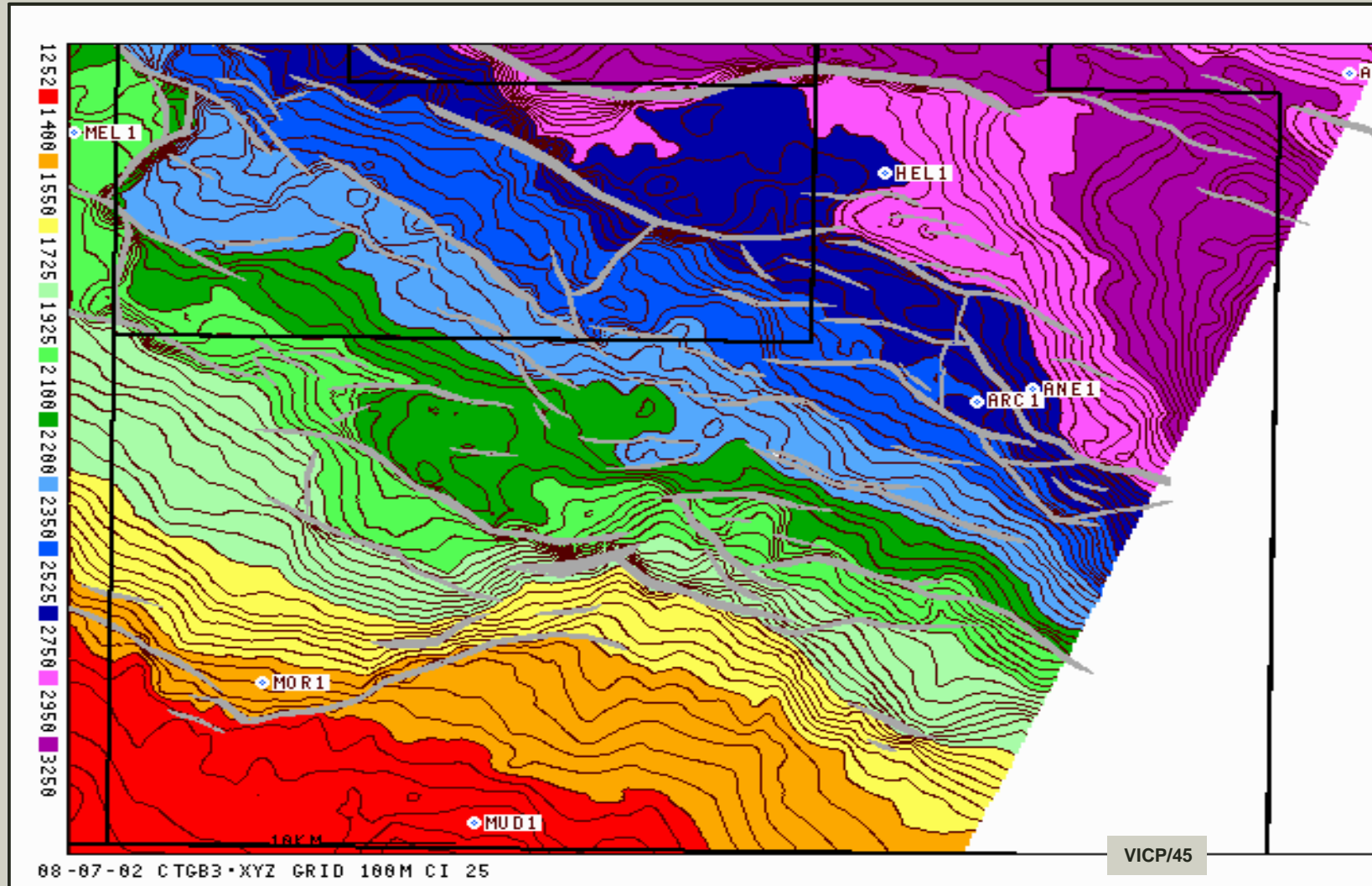
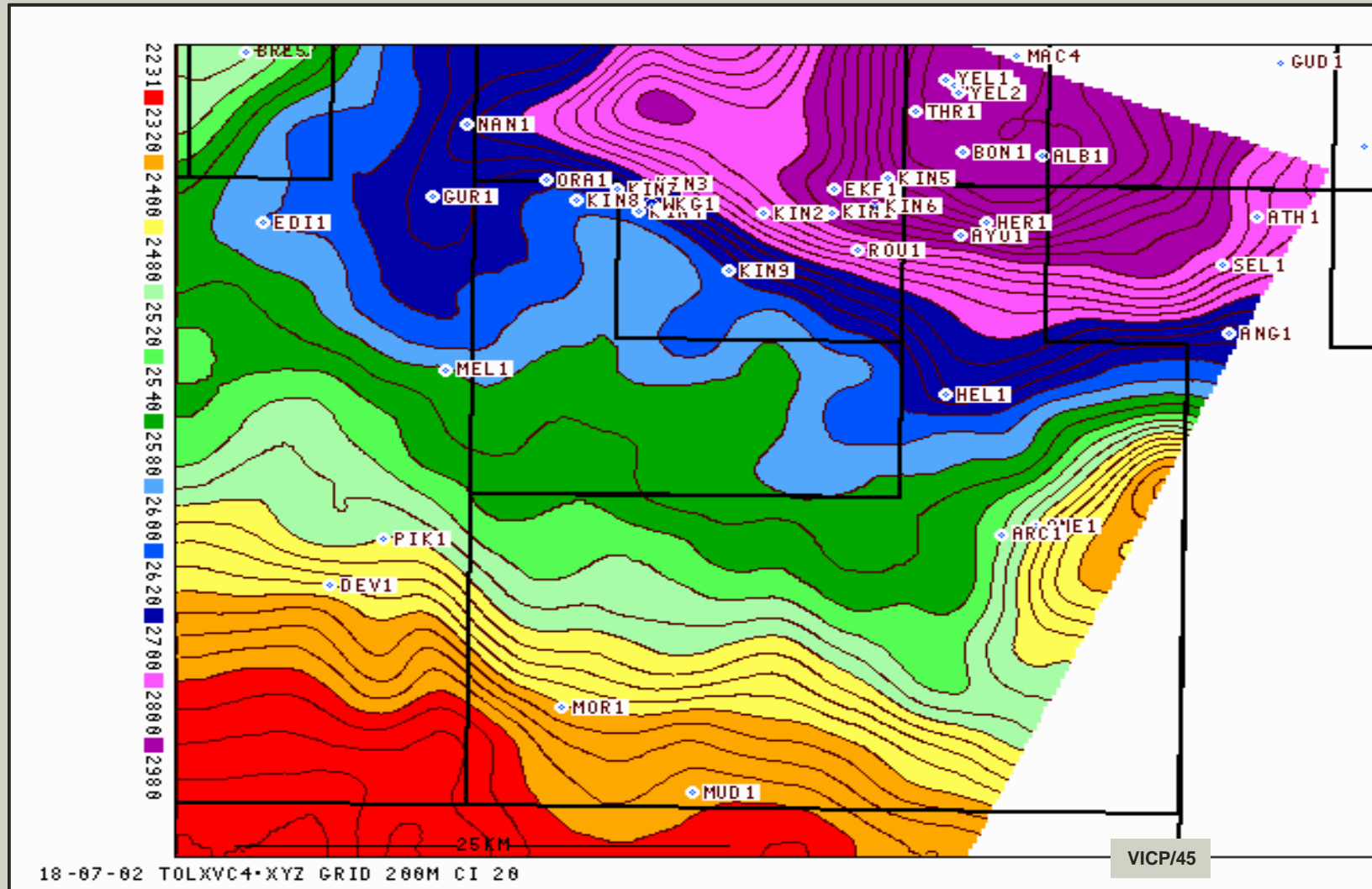


Figure 1



VIC/P45 interpretation of reprocessed seismic Top Latrobe Group final average velocity



From mistie corrected VStack, calibrated to wells with constrained smoothing



bbobillite

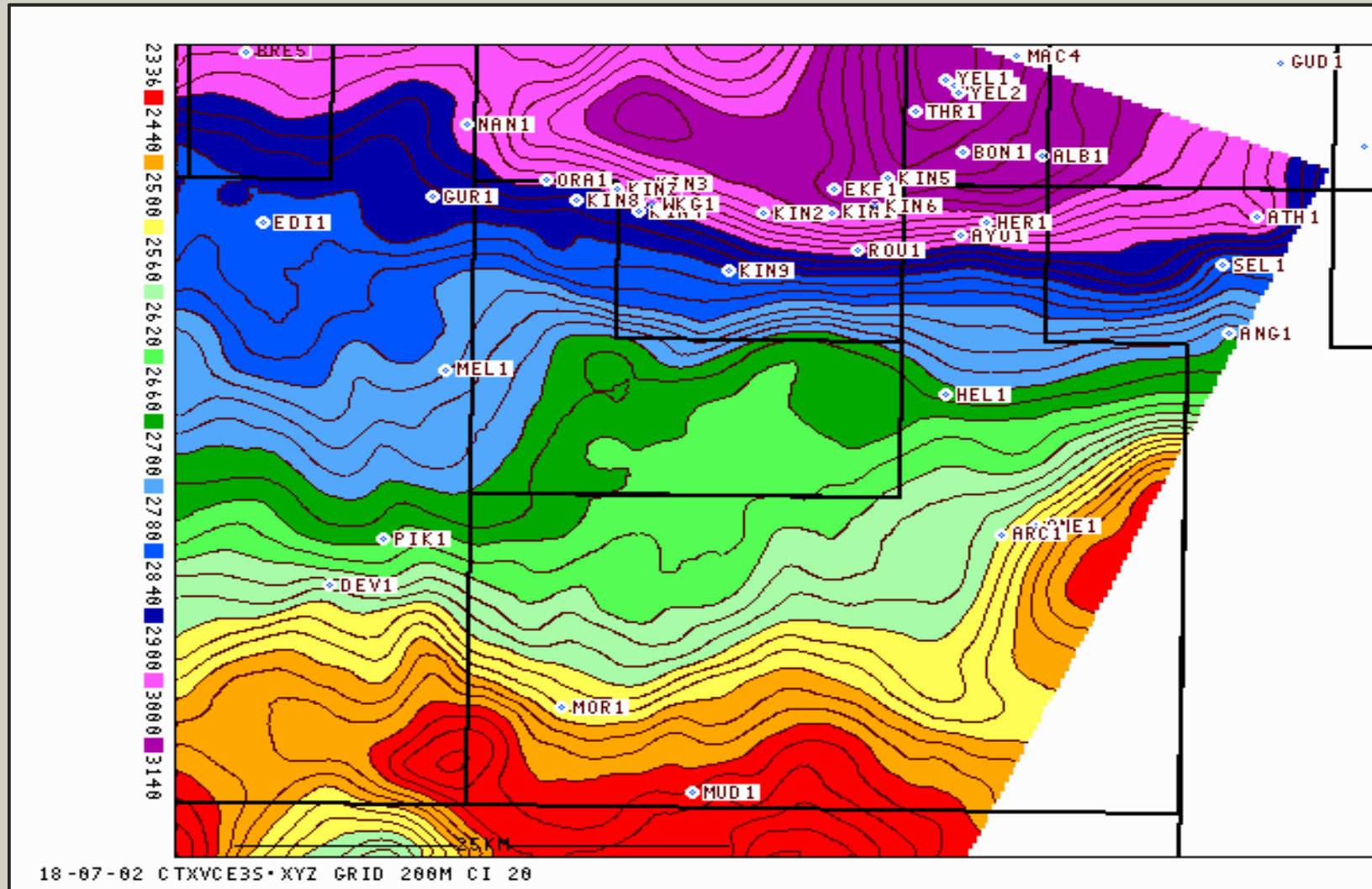
VIC/P45 interpretation of reprocessed seismic Top Latrobe Group: Depth conversion error analysis

```
ERROR FILE=TOLXDU.TXT 06-22-2002
ANE1 WV= 2554 GV= 2621 ER=974 975 %ER= .039
ANG1 WV= 2738 GV= 2878 ER=951 975 %ER= 2.519
ARC1 WV= 2530 GV= 2586 ER=978 975 %ER=-.318
ATH1 WV= 2737 GV= 2856 ER=958 975 %ER= 1.79
AYU1 WV= 2460 GV= 2527 ER=973 975 %ER= .203
DEV1 WV= 1627 GV= 1658 ER=981 975 %ER=-.615
EDI1 WV= 2213 GV= 2250 ER=984 975 %ER=-.86
GUR1 WV= 2177 GV= 2201 ER=989 975 %ER=-1.425
HEL1 WV= 2571 GV= 2606 ER=986 975 %ER=-1.128
HER1 WV= 2486 GV= 2531 ER=982 975 %ER=-.725
KIN1 WV= 2270 GV= 2320 ER=978 975 %ER=-.353
KIN2 WV= 2231 GV= 2263 ER=985 975 %ER=-1.076
KIN3 WV= 2236 GV= 2281 ER=980 975 %ER=-.538
KIN4 WV= 2228 GV= 2297 ER=970 975 %ER= .583
KIN5 WV= 2319 GV= 2399 ER=966 975 %ER= .904
KIN6 WV= 2311 GV= 2350 ER=983 975 %ER=-.866
KIN7 WV= 2233 GV= 2310 ER=966 975 %ER= .894
KIN8 WV= 2249 GV= 2331 ER=965 975 %ER= 1.111
KIN9 WV= 2281 GV= 2348 ER=971 975 %ER= .393
MEL1 WV= 2190 GV= 2260 ER=969 975 %ER= .638
MOR1 WV= 1635 GV= 1655 ER=988 975 %ER=-1.286
MUD1 WV= 1448 GV= 1476 ER=981 975 %ER=-.623
NAN1 WV= 2180 GV= 2215 ER=984 975 %ER=-.918
ORA1 WV= 2249 GV= 2327 ER=966 975 %ER= .932
PIK1 WV= 1818 GV= 1859 ER=978 975 %ER=-.277
ROU1 WV= 2355 GV= 2427 ER=970 975 %ER= .467
SEL1 WV= 2799 GV= 2868 ER=976 975 %ER=-.072
```

AVERAGE ERROR= .79



VIC/P45 interpretation of reprocessed seismic Top Cretaceous final average velocity



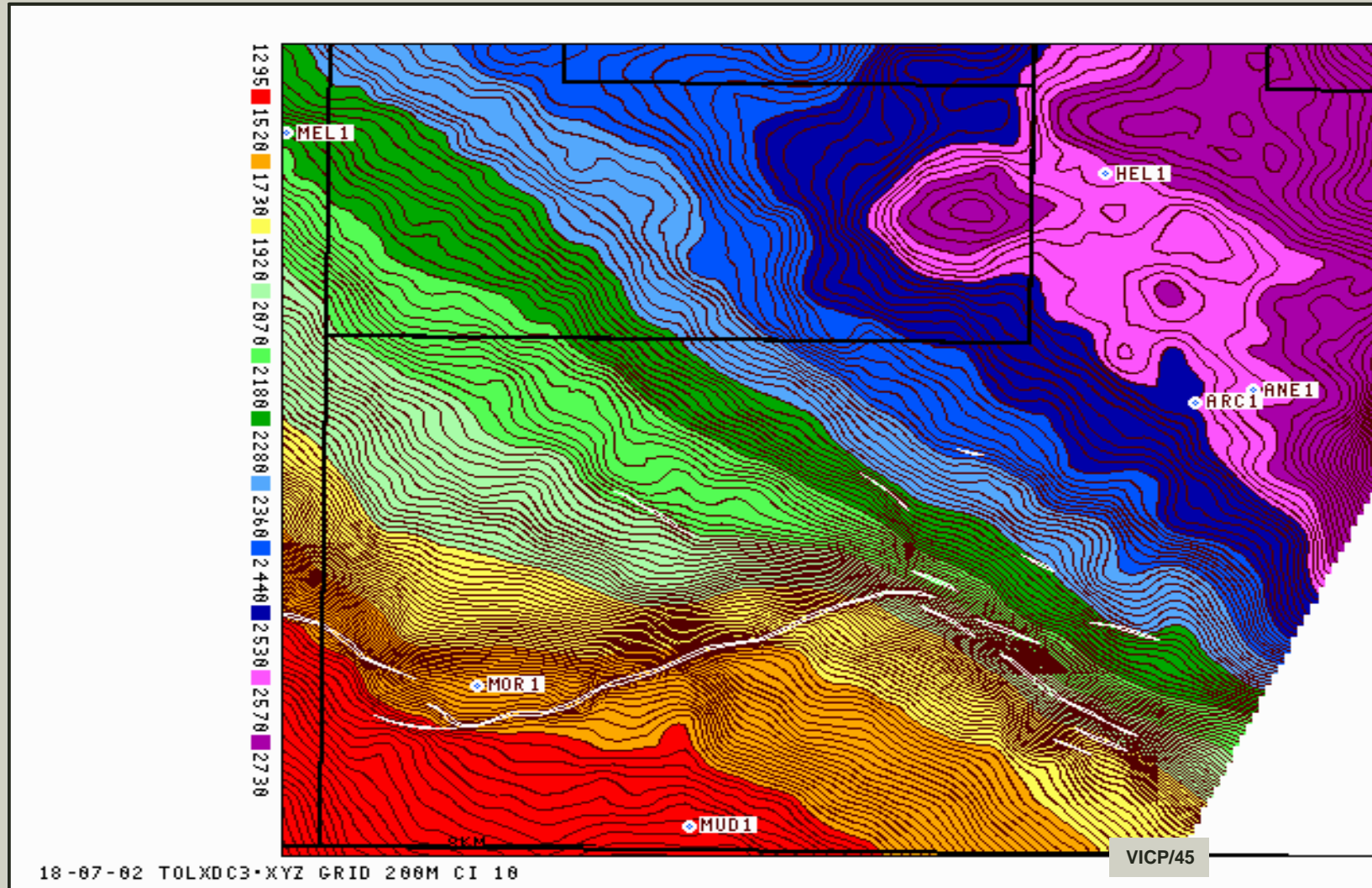
From mistie corrected VStack, calibrated to wells with constrained smoothing

Figure 1



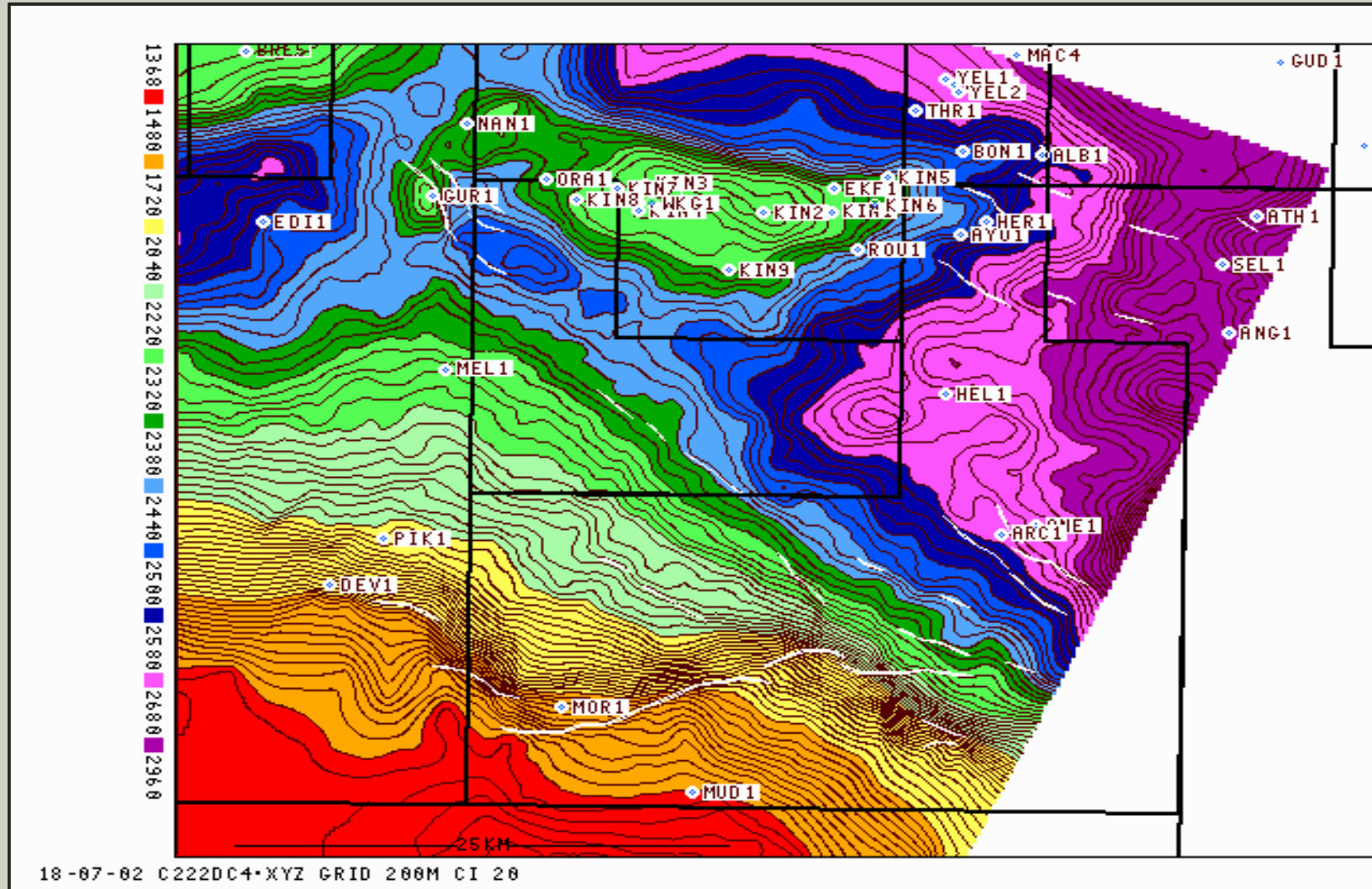
VIC/P45 interpretation of reprocessed seismic

Depth mapping: Top Latrobe Group (southern area)



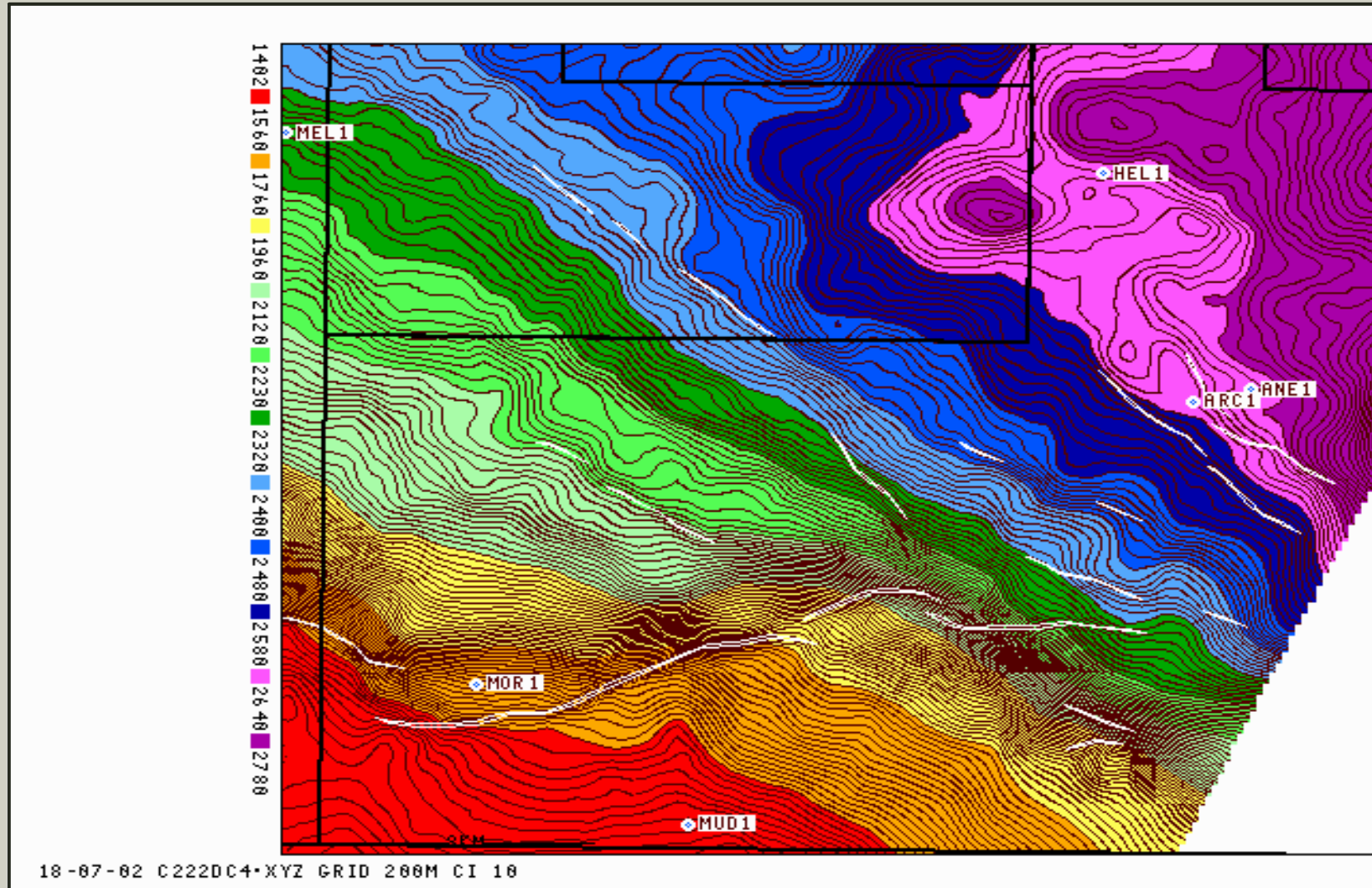
VIC/P45 interpretation of reprocessed seismic

Depth mapping: 51.5Ma marker (Top Helios-1 reservoir)



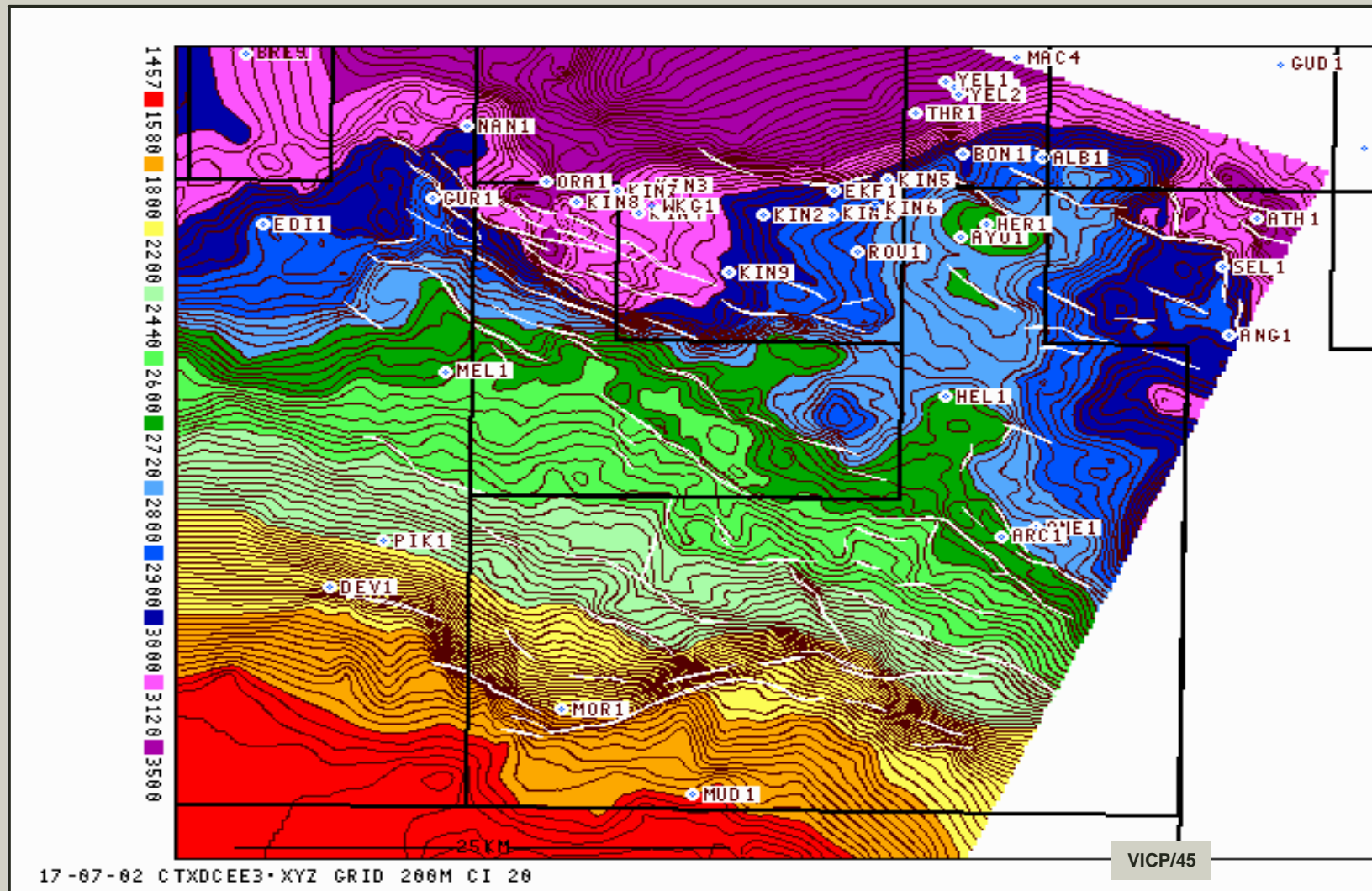
VIC/P45 interpretation of reprocessed seismic

Depth mapping: 51.5Ma marker (southern area)



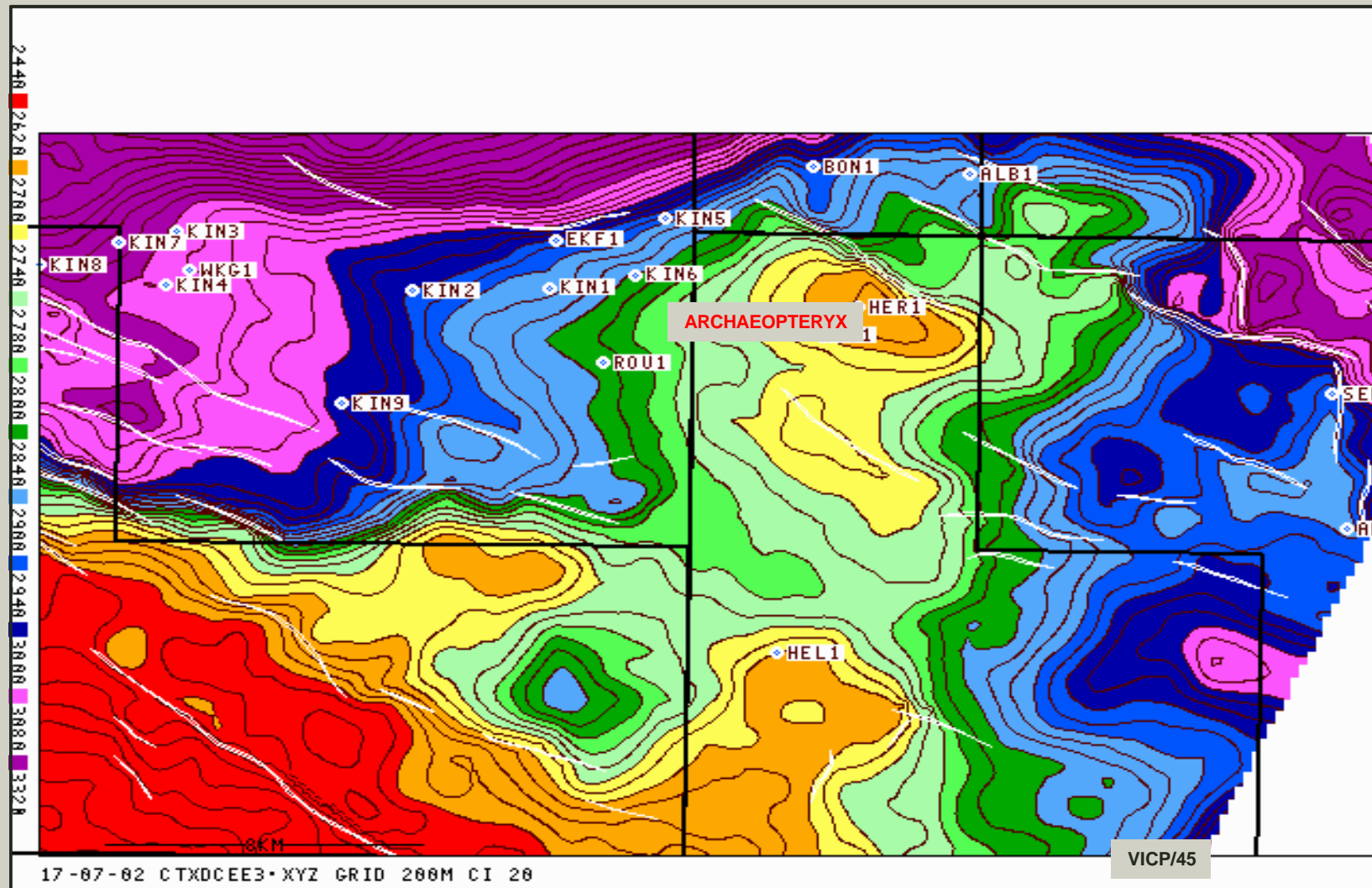
VIC/P45 interpretation of reprocessed seismic

Depth mapping: Top Cretaceous



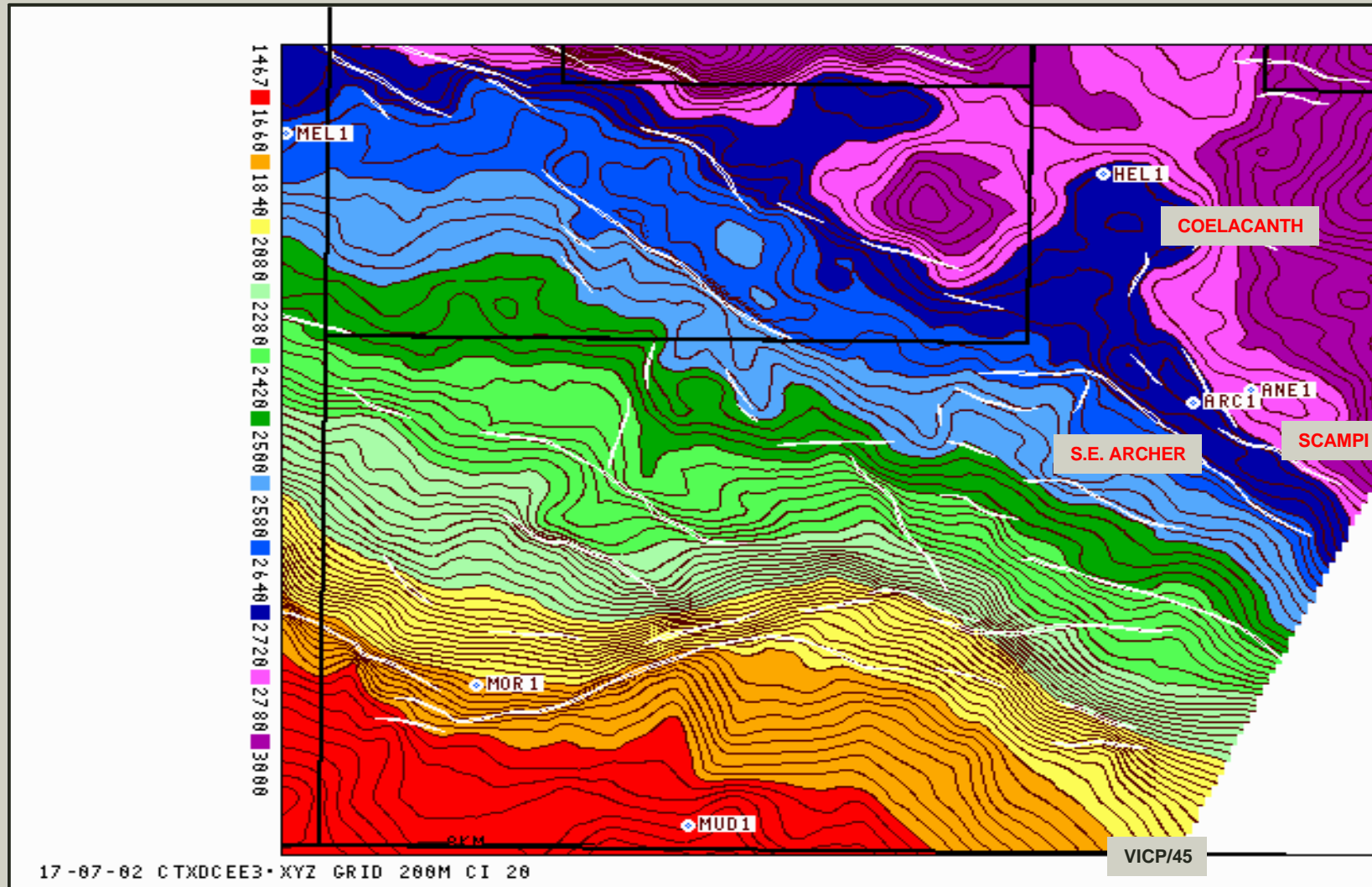
VIC/P45 interpretation of reprocessed seismic

Depth mapping: Top Cretaceous (northern area)



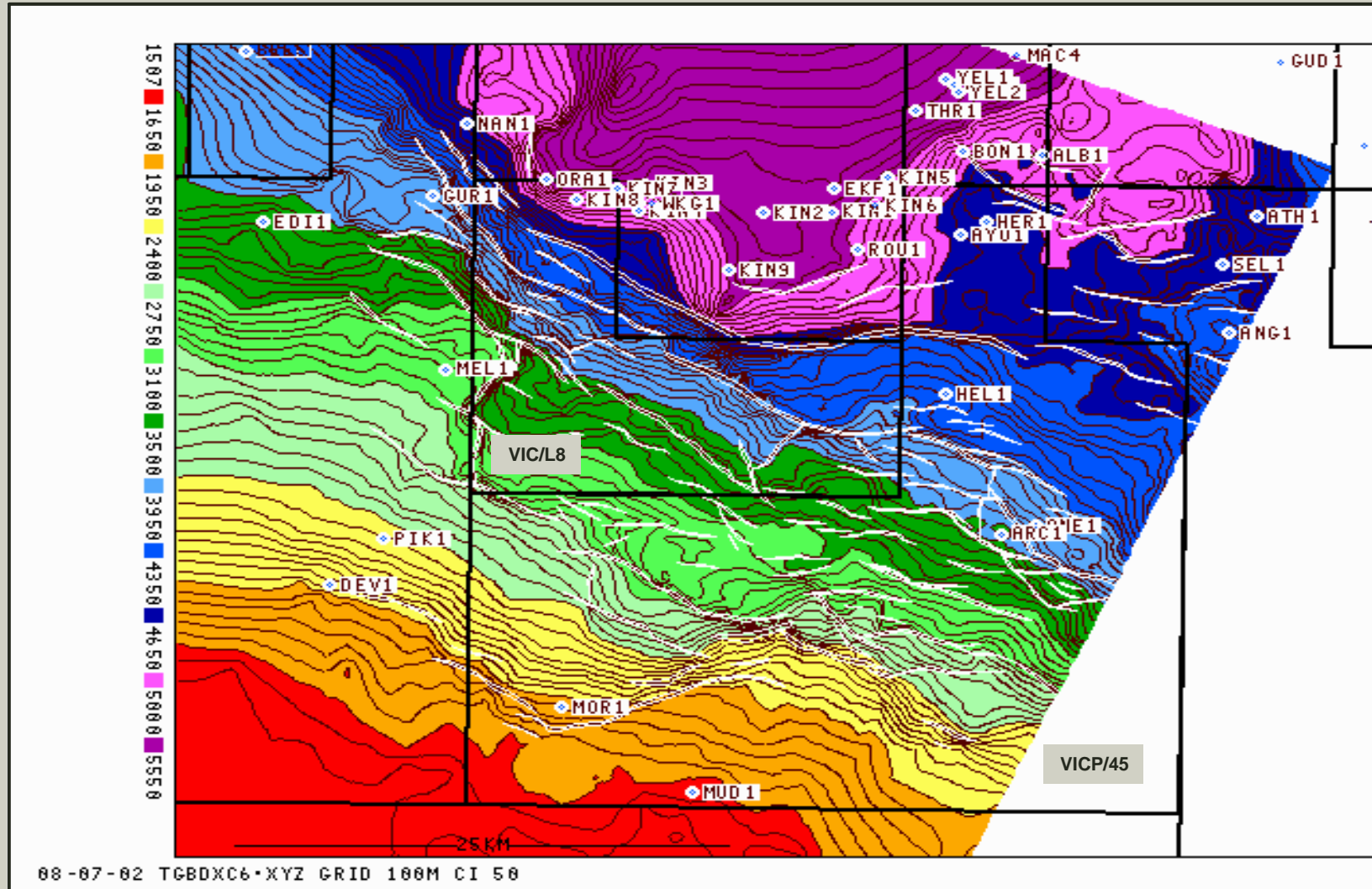
VIC/P45 interpretation of reprocessed seismic

Depth mapping: Top Cretaceous (southern area)



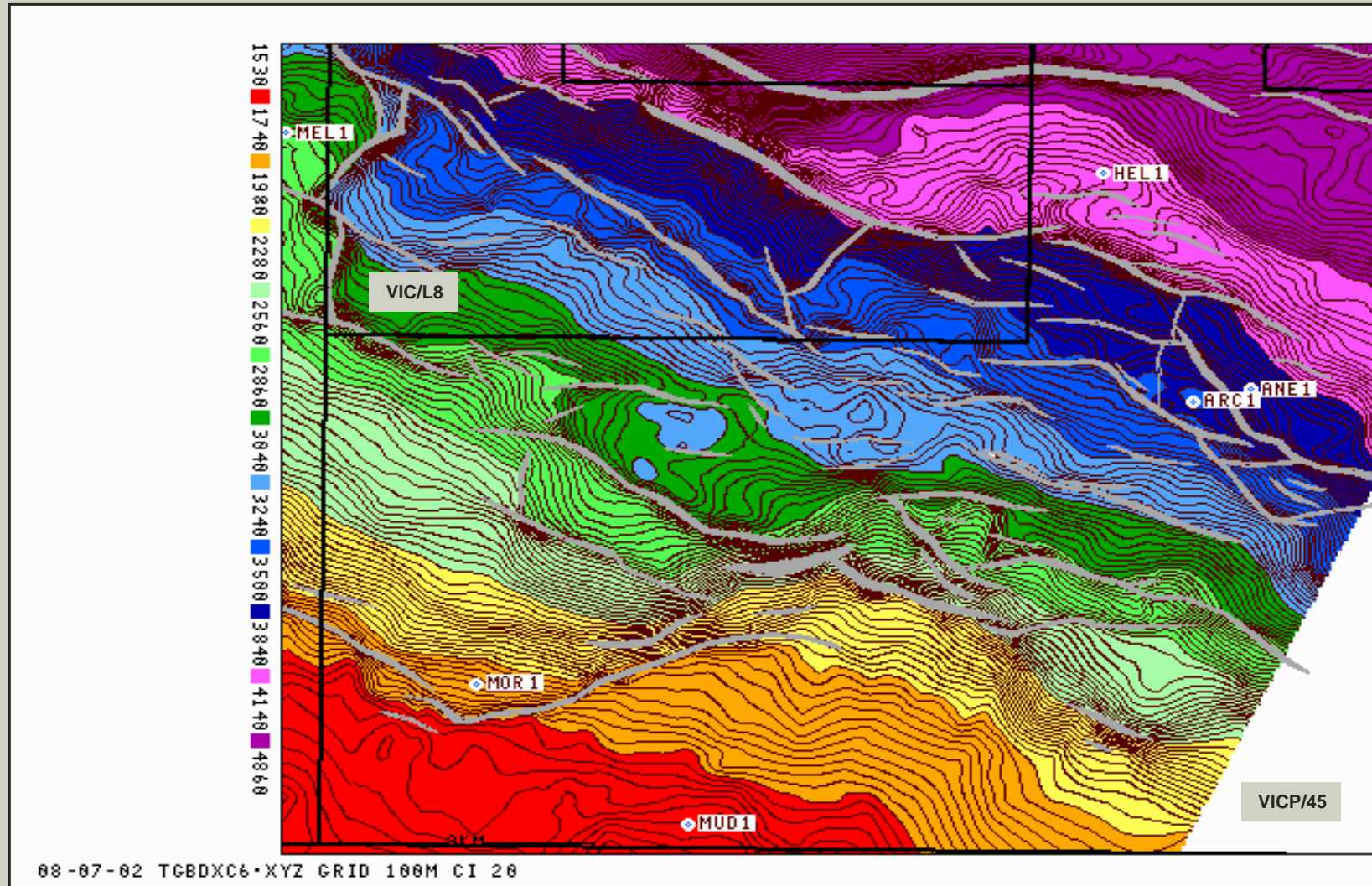
VIC/P45 interpretation of reprocessed seismic

Depth mapping: Top Golden Beach Group



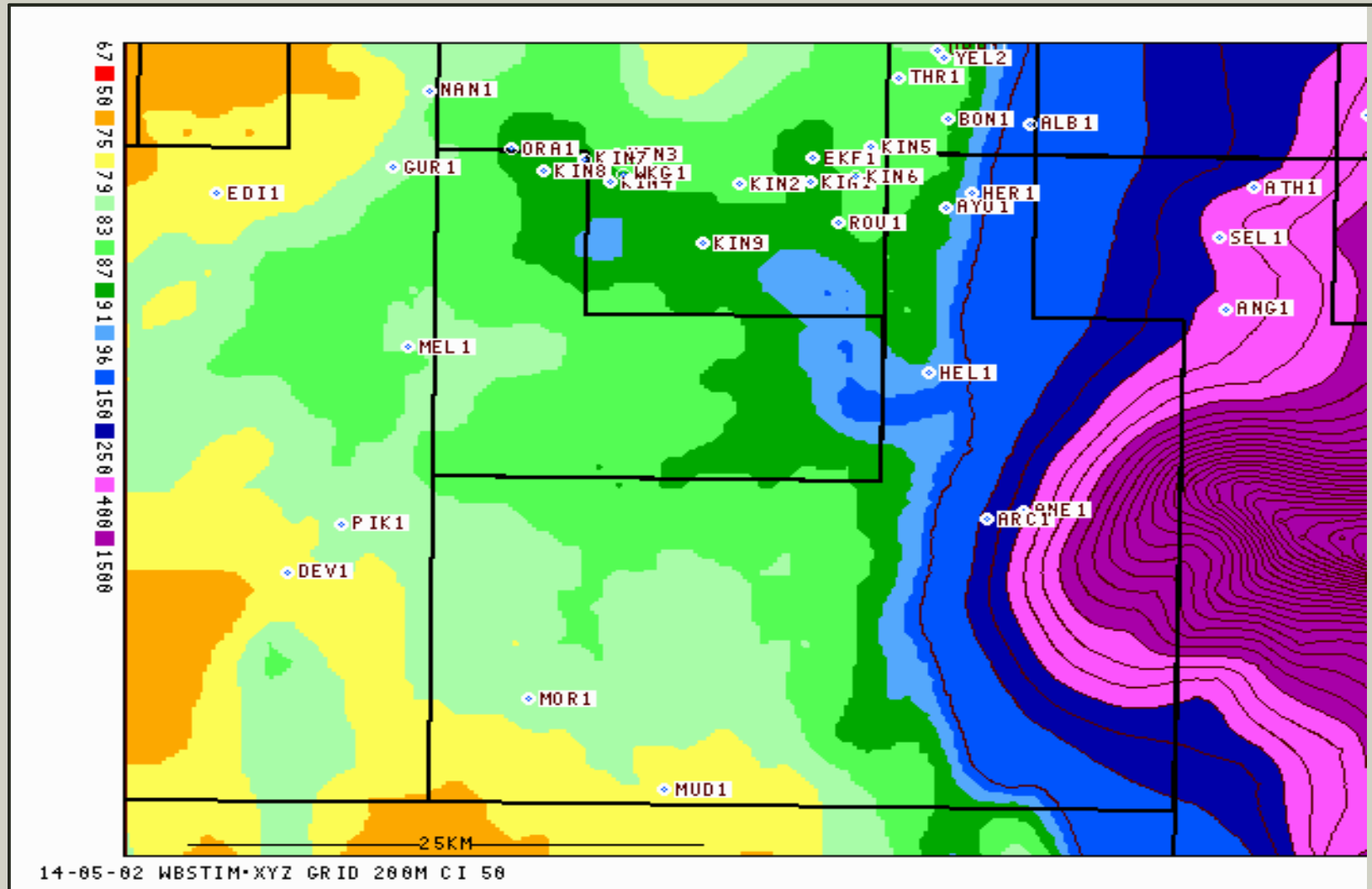
VIC/P45 interpretation of reprocessed seismic

Depth mapping: Top Golden Beach (southern area)



VIC/P45 interpretation of reprocessed seismic

Depth mapping: Water Bottom

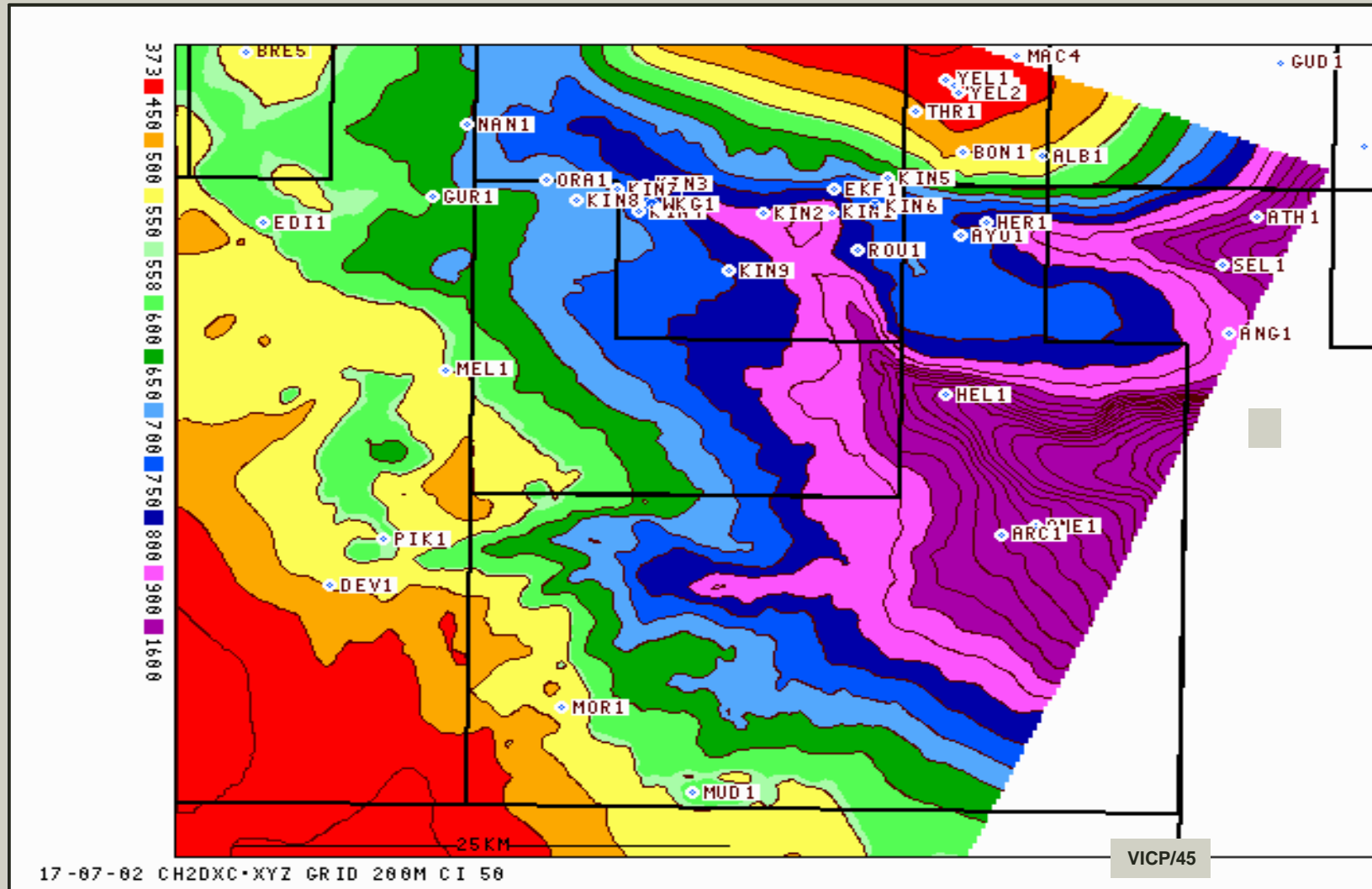


From uncalibrated seismic times



bbobillite

VIC/P45 interpretation of reprocessed seismic Depth mapping: Base shallow channels



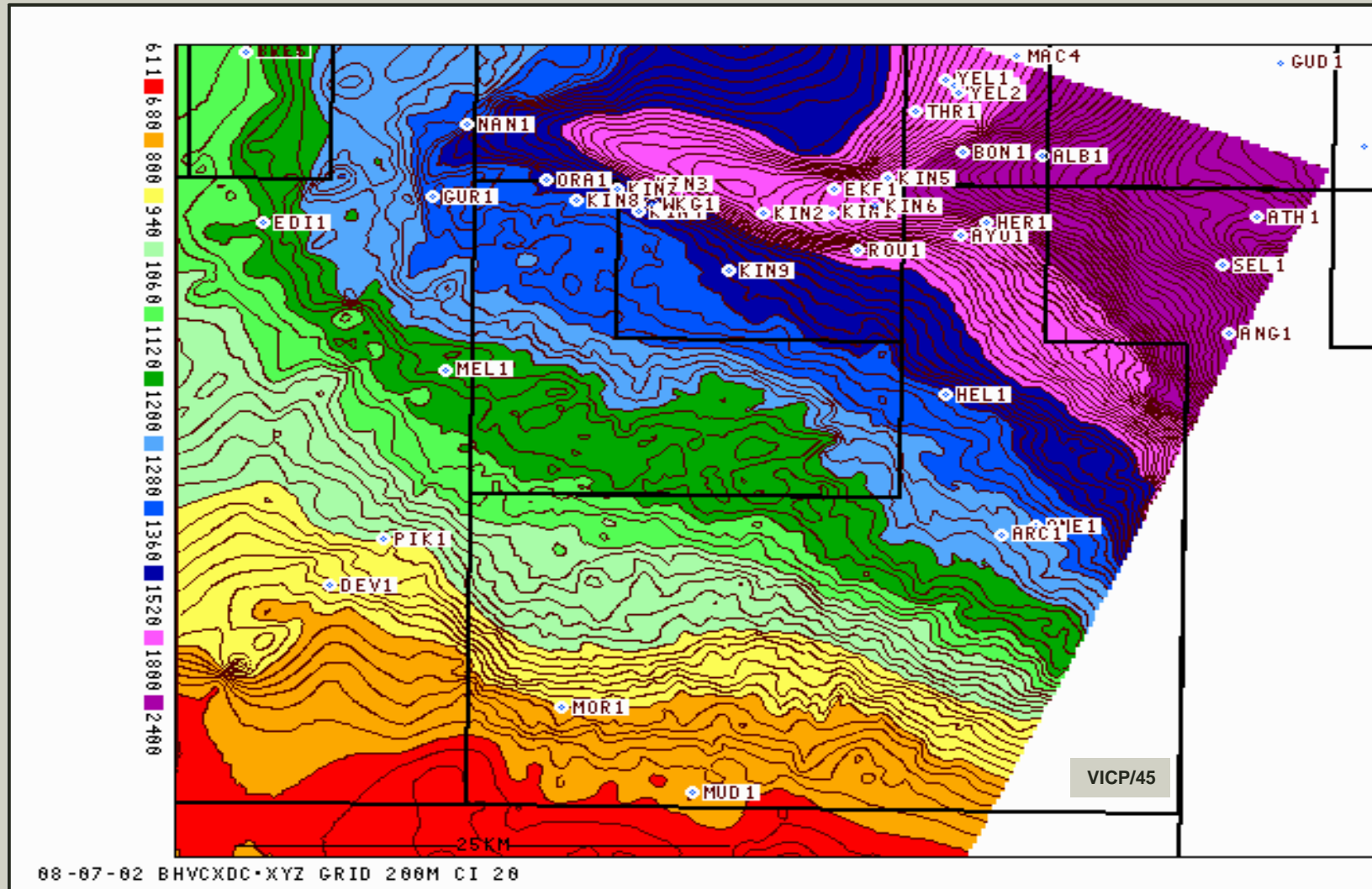
Not calibrated to wells: assumes $V_{ave} = 0.975 * V_{stack}$



bhpbilliton

VIC/P45 interpretation of reprocessed seismic

Depth mapping: Base high velocity channels



Not calibrated to wells: assumes $V_{ave} = 0.975 * V_{stack}$



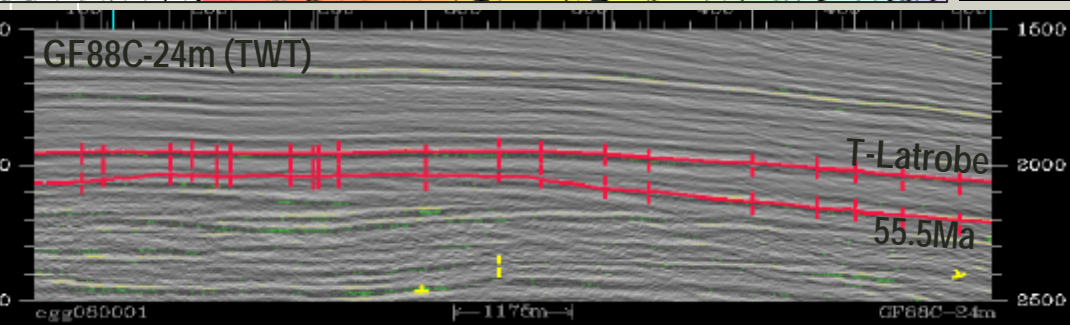
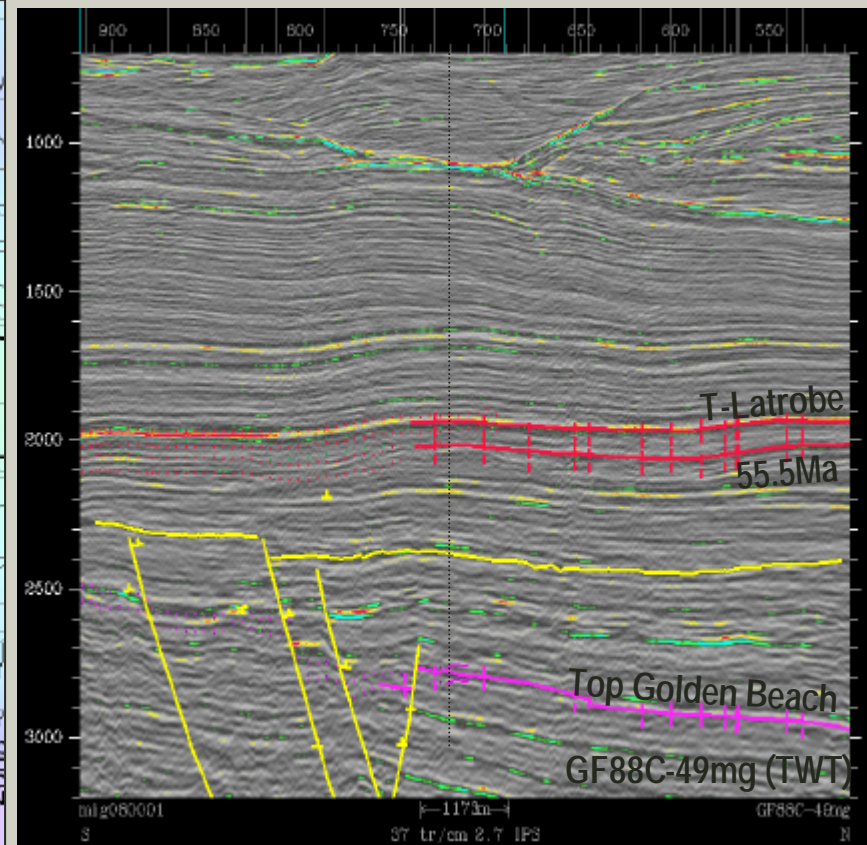
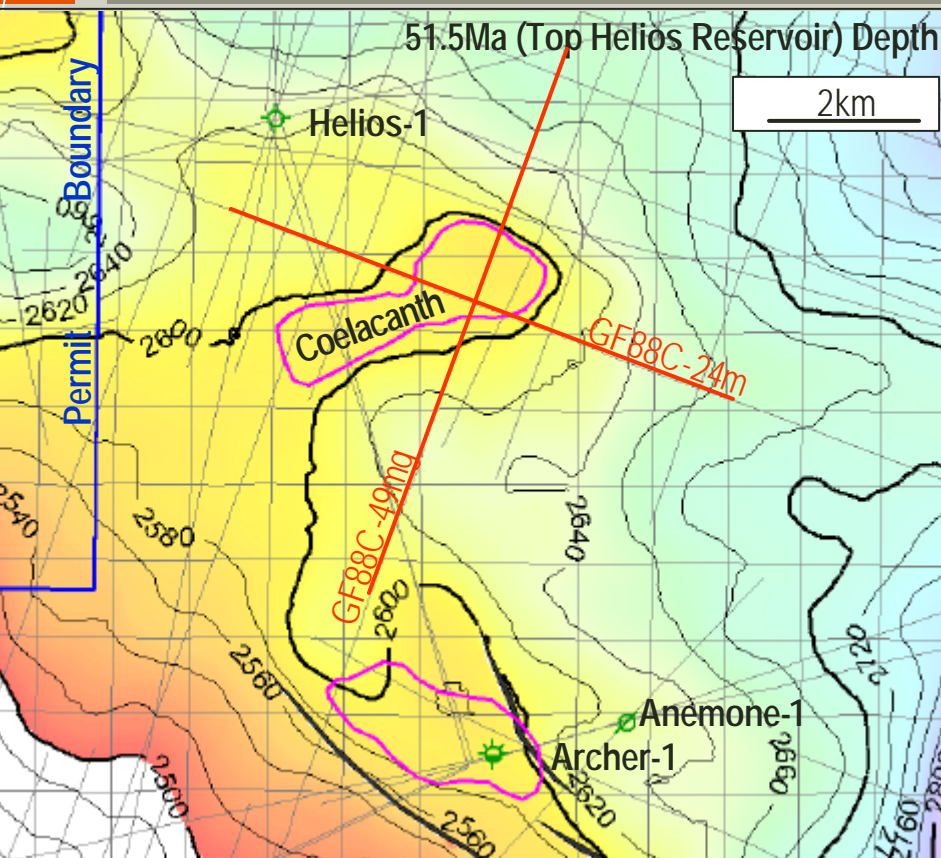
bbobillite

Figure 1

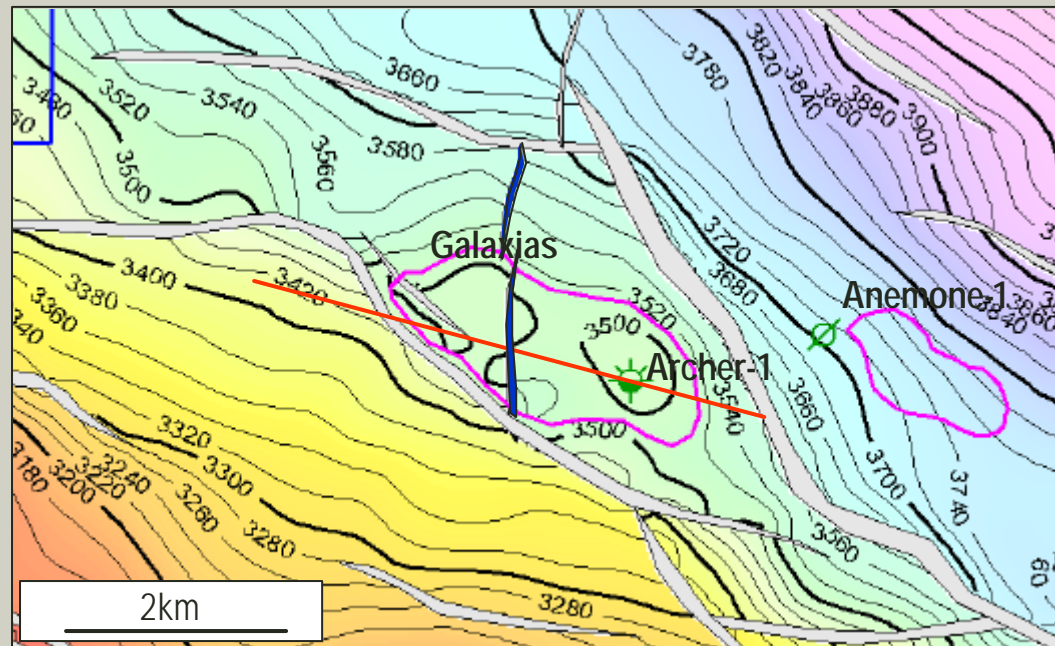
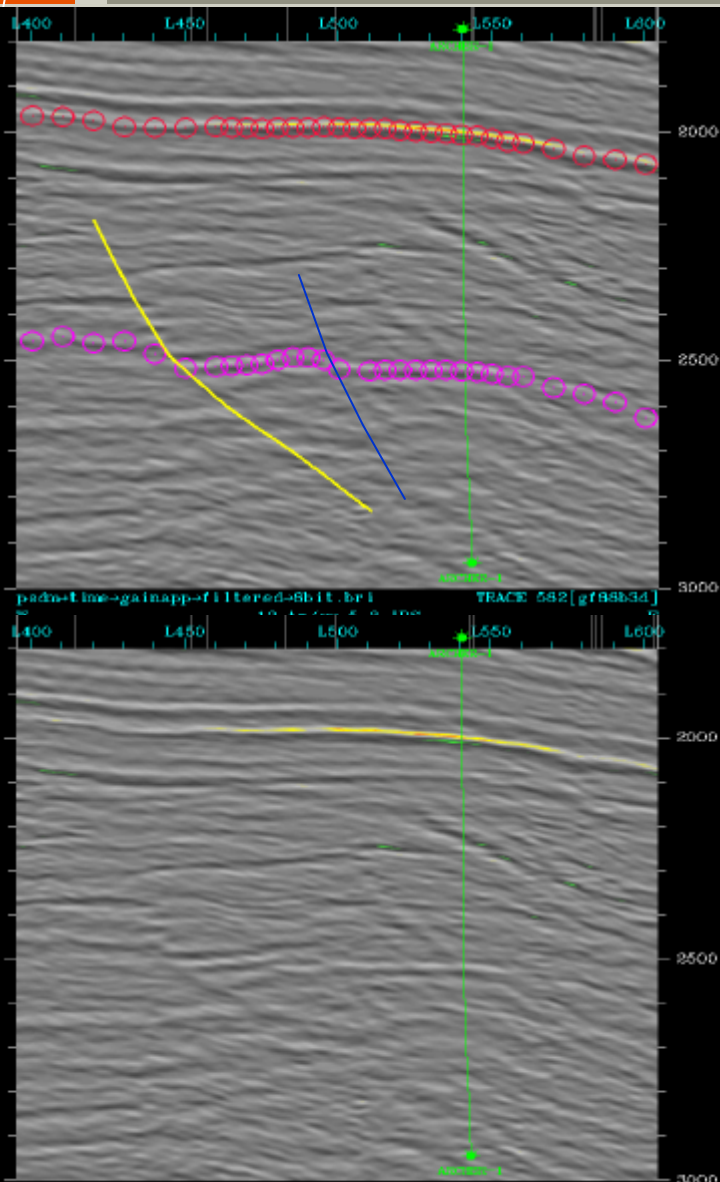


0145 C : : D : : L : : L : : D : : A : : 10000

VIC/P45 interpretation of reprocessed seismic Coelacanth Lead

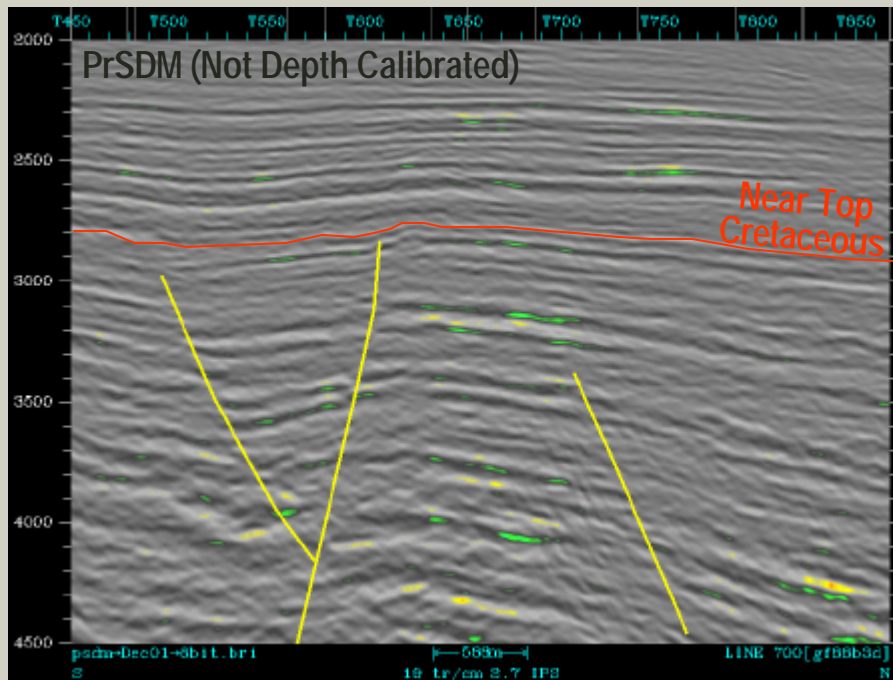
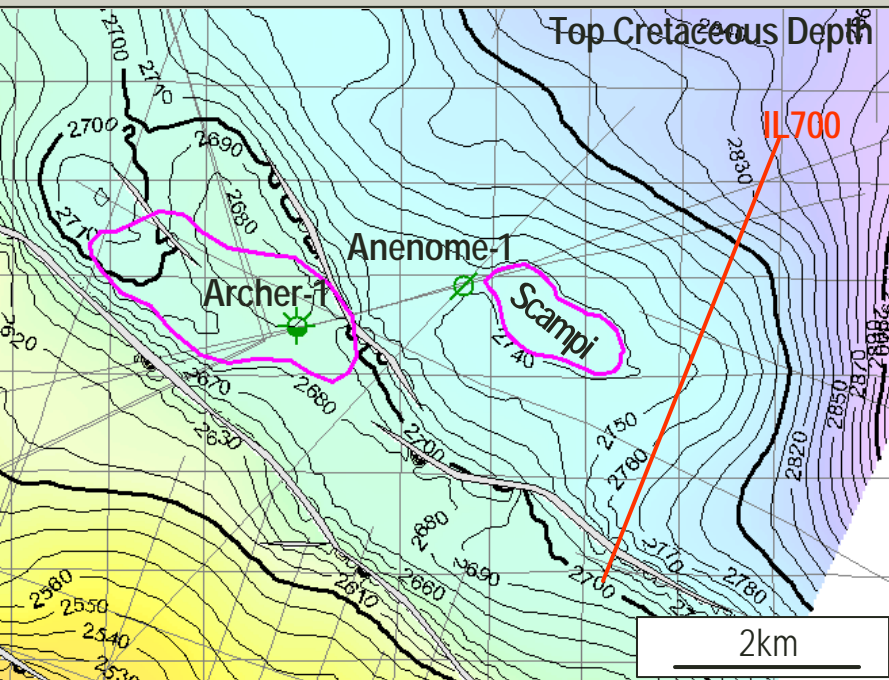


VIC/P45 interpretation of reprocessed seismic Galaxias Prospect

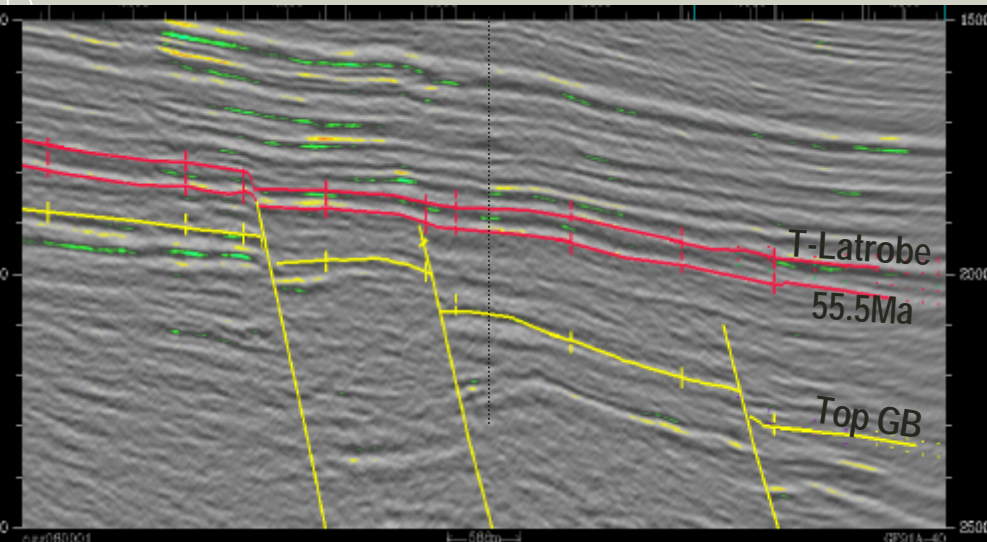
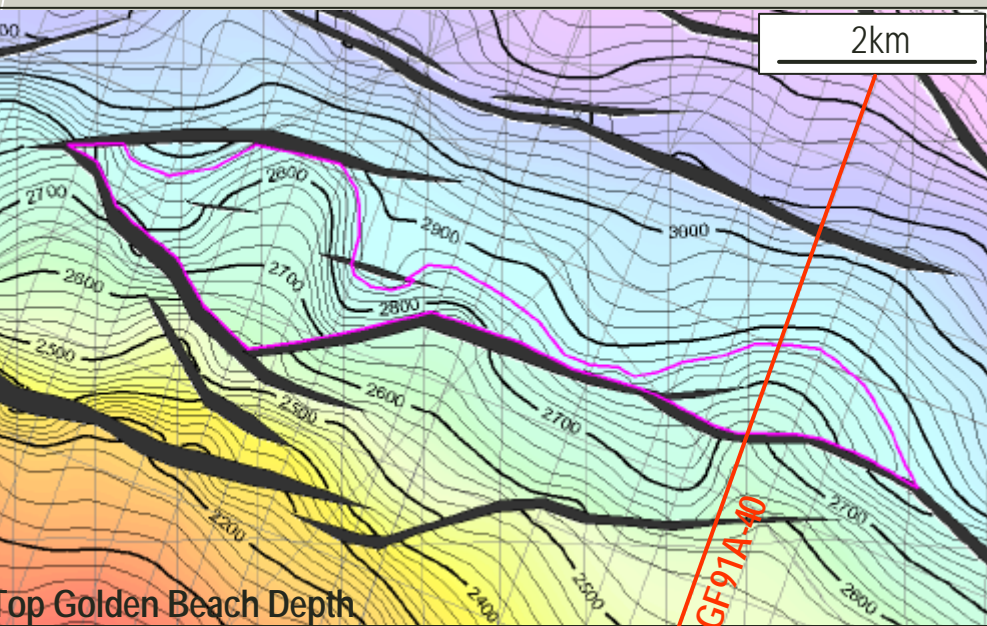


Presence of fault separating Galaxias & Archer is uncertain

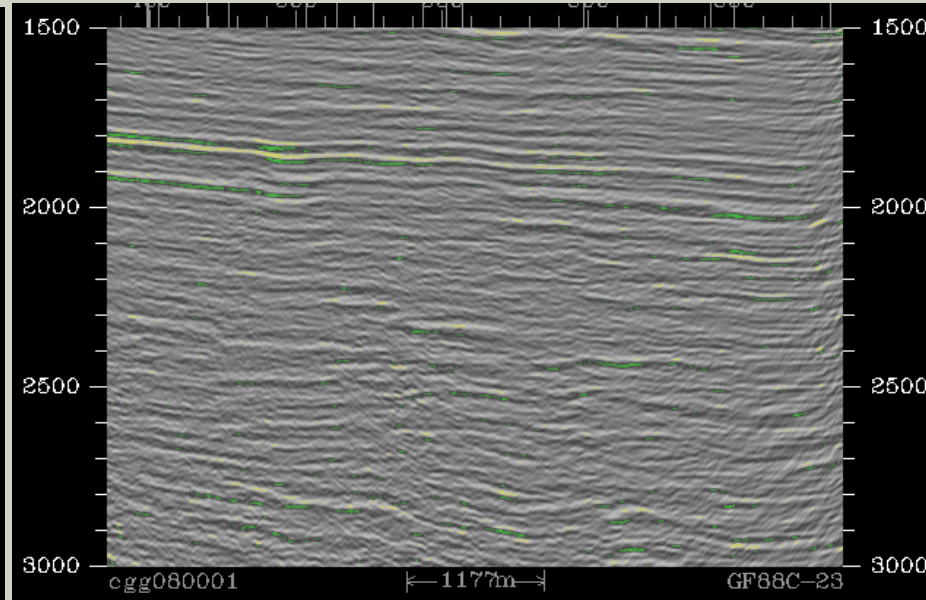
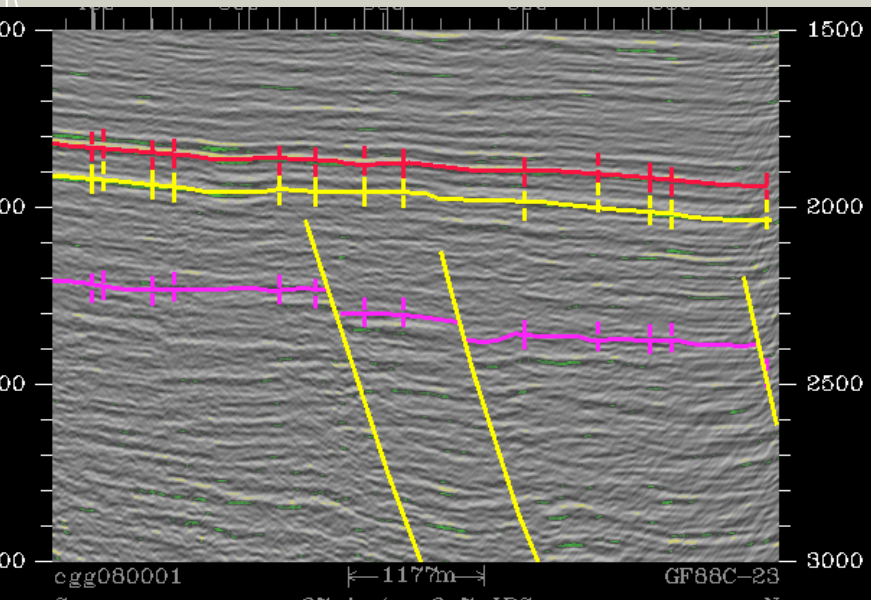
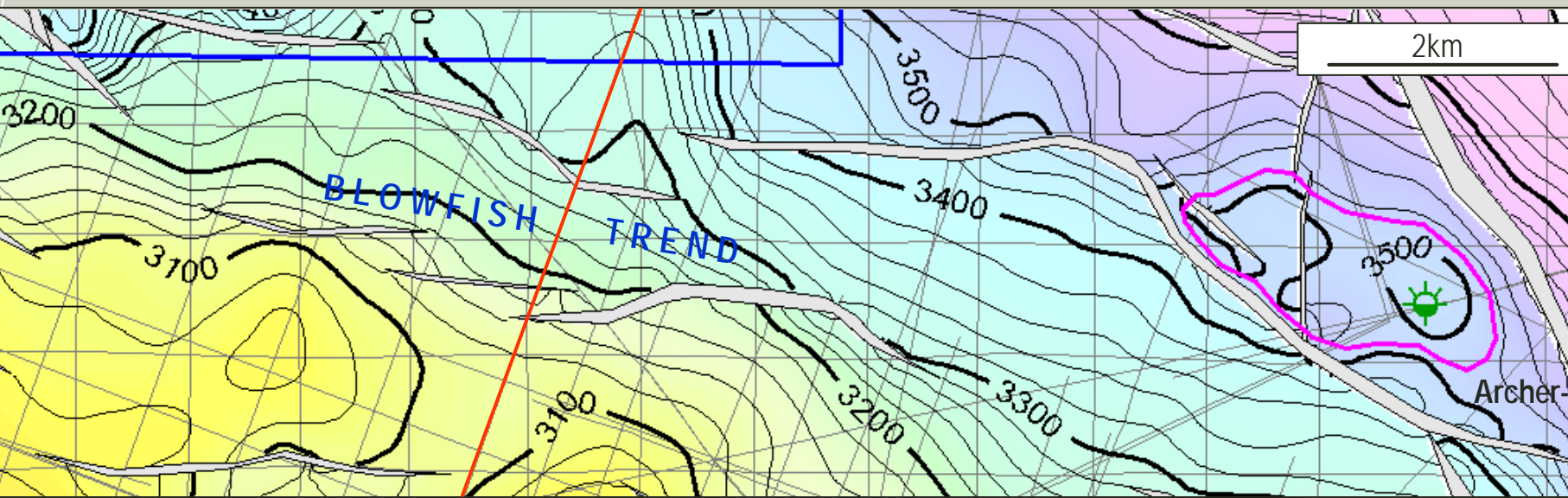
VIC/P45 interpretation of reprocessed seismic Scampi Lead



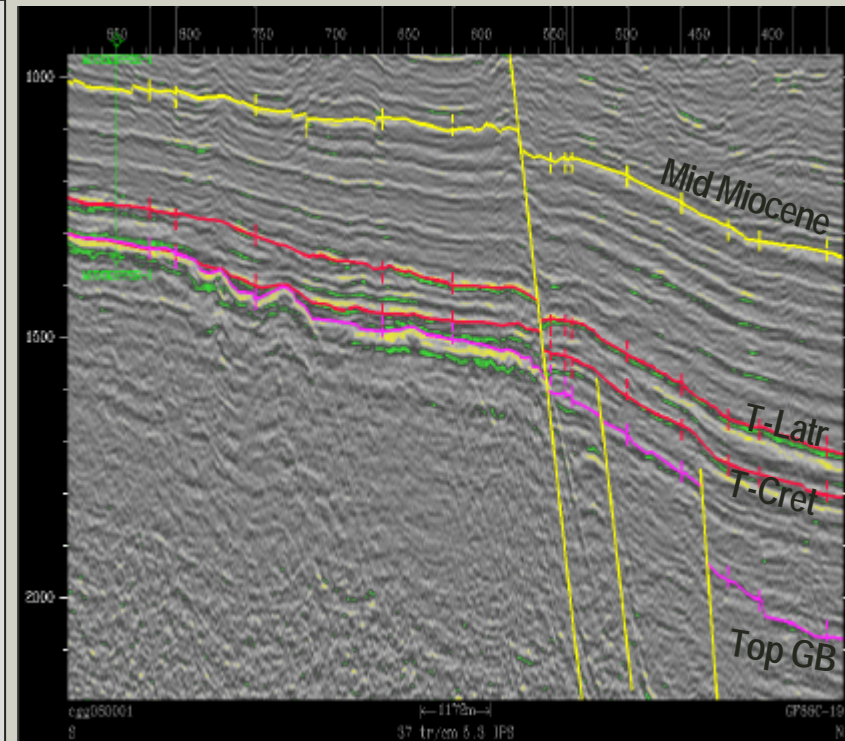
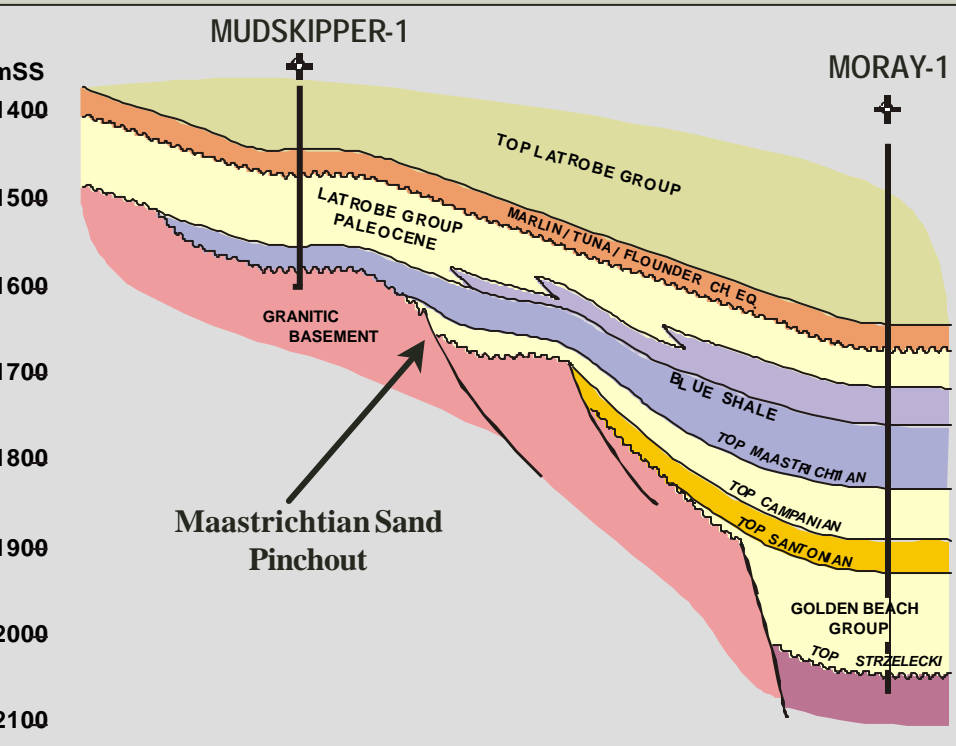
VIC/P45 interpretation of reprocessed seismic Grenadier Lead



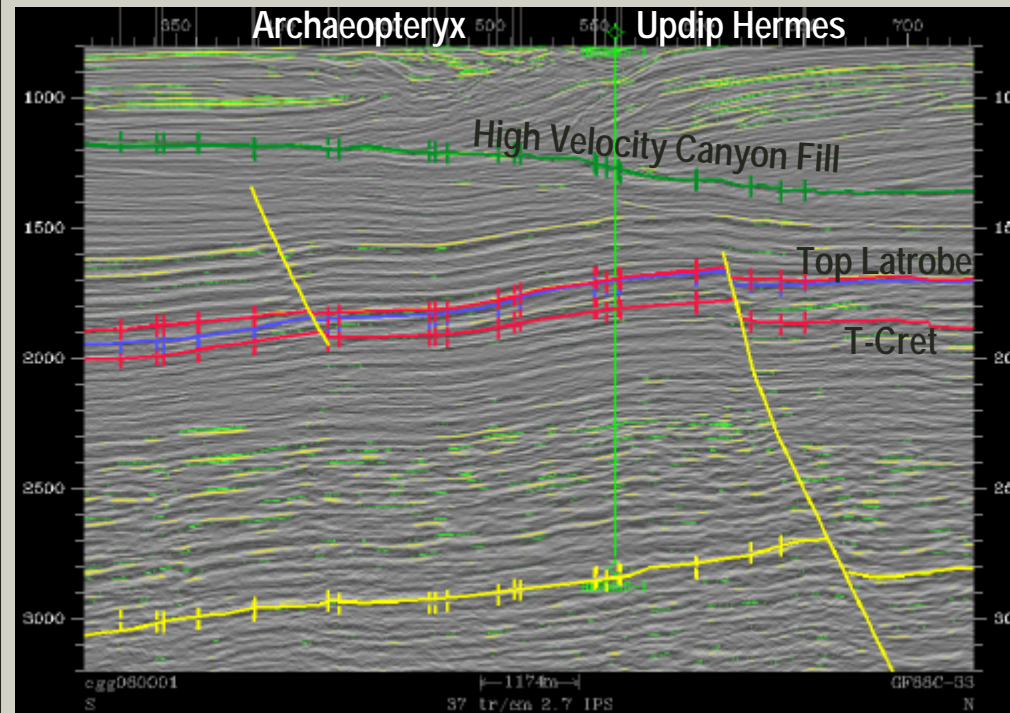
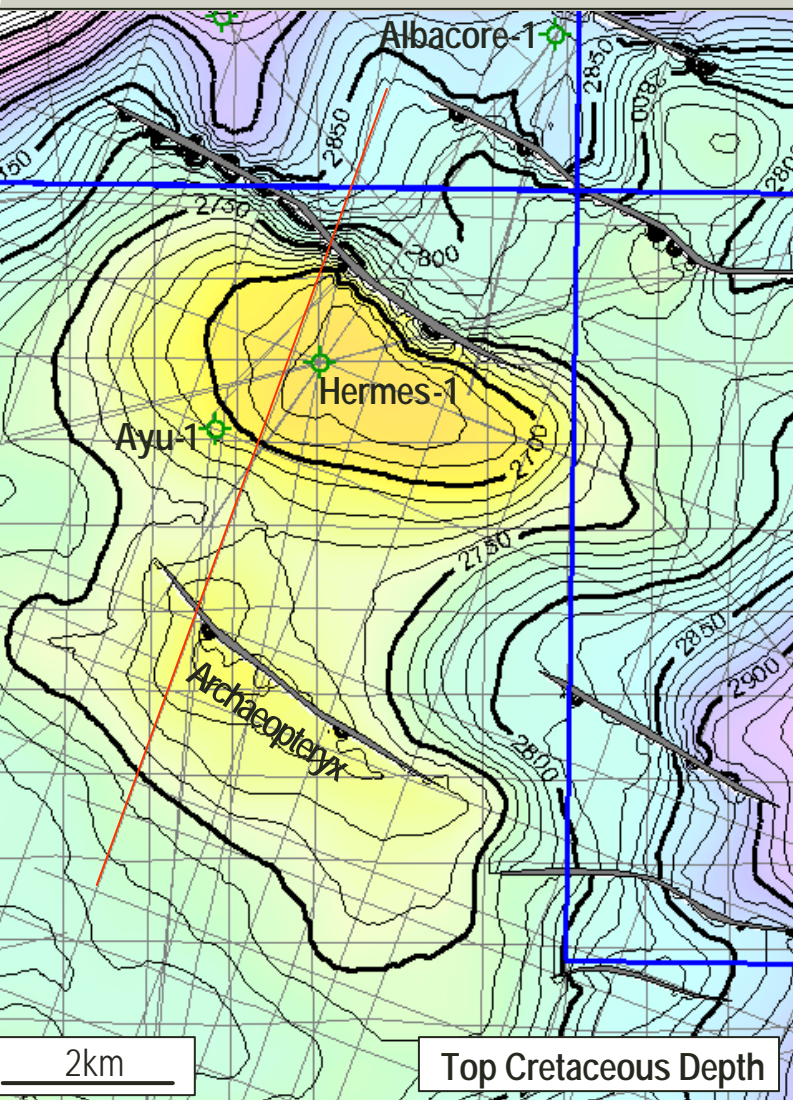
VIC/P45 interpretation of reprocessed seismic Blowfish Lead



VIC/P45 interpretation of reprocessed seismic Jellyfish Play Concept



VIC/P45 Interpretation of Reprocessed Seismic Updip Hermes & Archaeopteryx Leads



VIC/P45 Interpretation of Reprocessed Seismic Amplitude Anomalies at Top & Intra Latrobe levels

