

been interpreted at SP42 on Plate 17, Latrobe Map. Southwest dip on the feature, necessary to complete anticlinal closure, was not found on Line M53B. Consequently, Feature IV at Top Latrobe level is downgraded to a possible faulted nose with about 100 feet of closure against the fault involving an area of about three square miles.

A possible closed anticline has been mapped just south of the west end of Line M54B about five miles northeast of the southwest corner of Permit Vic/P4. This feature, at Top Latrobe level, may have 100 feet of closure in an area of about four square miles. The isopach shows less than 400 feet of Latrobe Complex section and there is the possibility that the Latrobe sediments are absent in the area.

The southeast - northwest fault system in the vicinity of Line M30B remains poorly defined. Several fault crossings were located on the new work but their correlation with old work fault crossings is not clear.

Basement (?) (or Base of the Latrobe Complex) is shown to be a rough surface on Plate 18. This map is dominated by the ridge generally paralleling Line M31B and having five or more culminations. On the north flank of the ridge the poorly defined southeast - northwest fault system is shown with throws down to the northeast. Further northeastward a very rough area is mapped dominated by highs in the southeast and a large syncline in the northwest. The contouring, north of and within the fault system, is highly speculative.

The rough surface of the Basement (?) controls the Isopach of the Latrobe Complex shown in Plate 19. Thin or absent Latrobe is seen on the previously mentioned central ridge. North of the fault system thin section is found on basement highs and thick section in lows, as expected.