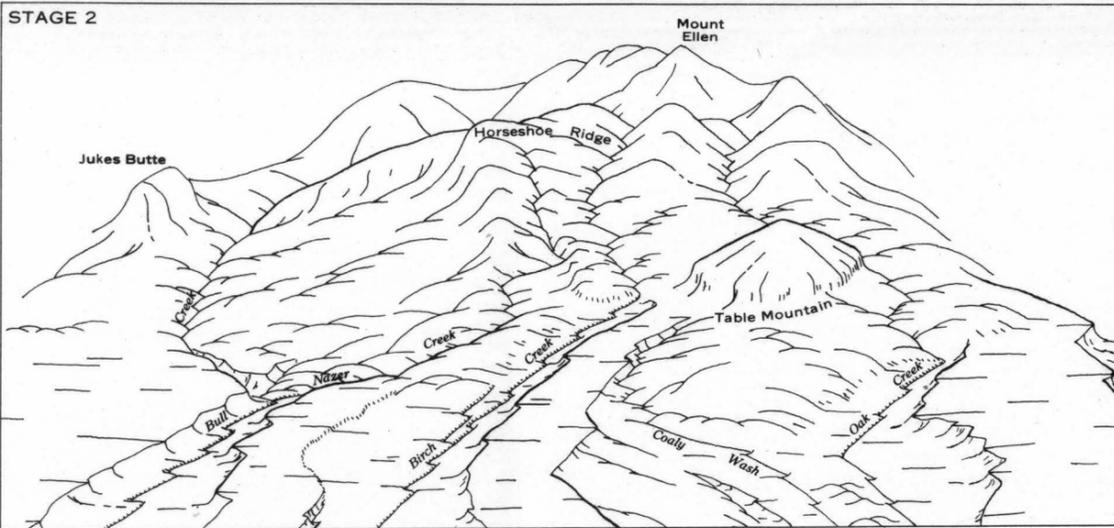
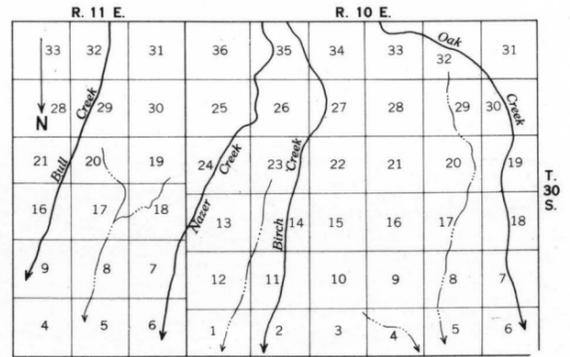
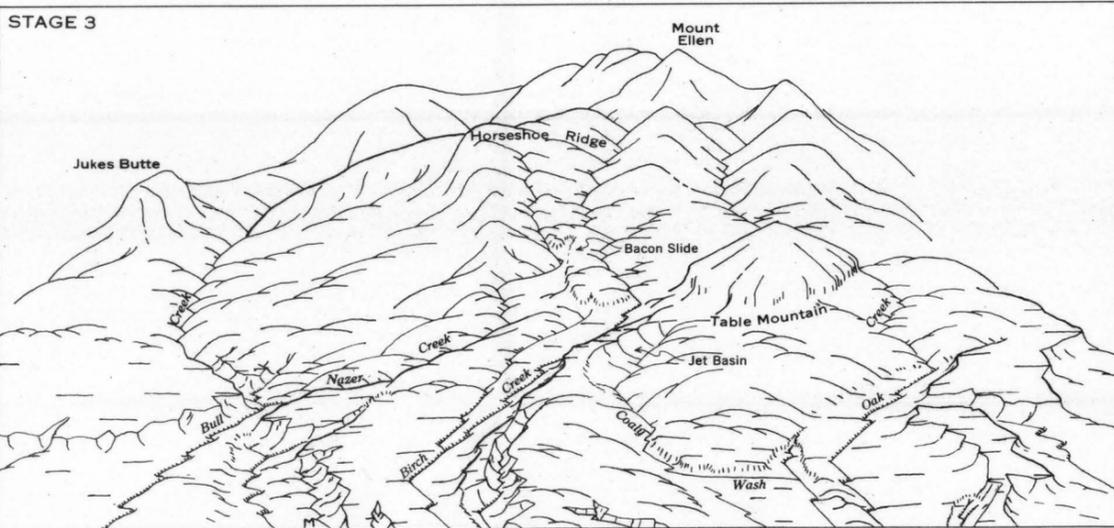
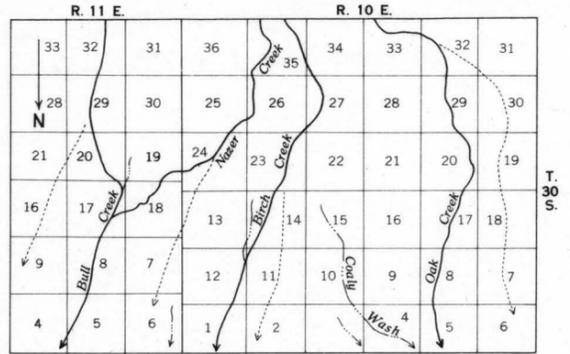


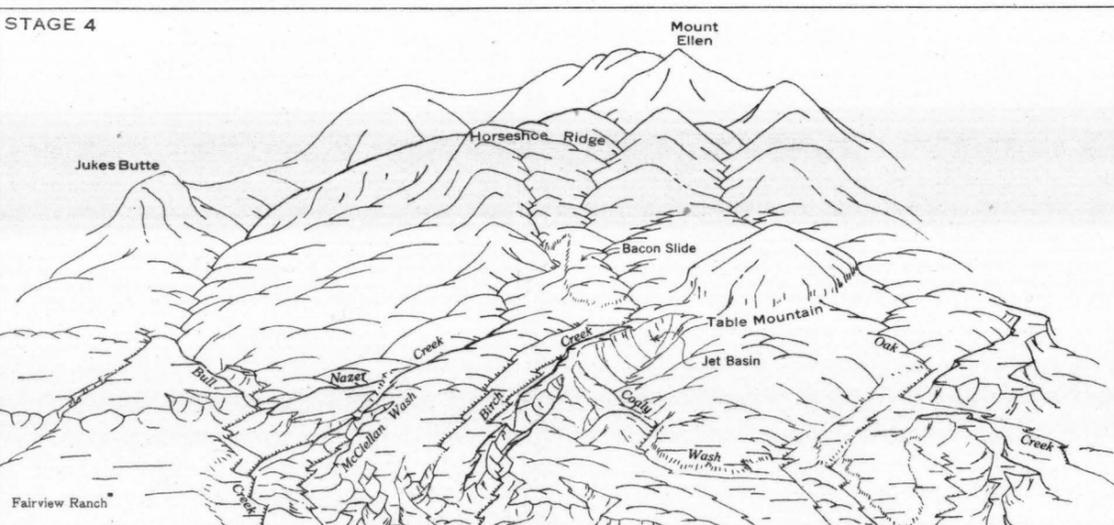
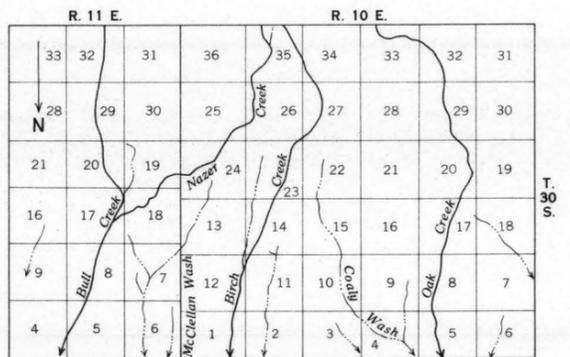
Bull Creek, Nazer Creek, Birch Creek, and Oak Creek are independent streams. The topography necessarily has been generalized and probably was as intricate as the present topography. The streams are on gravel-covered pediments and their channels are in the gravel. Tributary streams are cutting headward between the main streams, and along the lower part of some of these tributaries gravel-free pediments have developed.



Both Bull Creek and Nazer Creek have been captured by the stream that eroded headward between them during Stage 1. They are in youthful valleys above the stream junction but flow onto a pediment below. The pediment is being aggraded with fanglomerate. The wash that eroded headward east of Birch Creek during Stage 1 developed a pediment all the way to the foot of the mountain and there captured Birch Creek. The abandoned course of Birch Creek is left as a gravel-capped ridge dividing the new course from Coaly Wash. A stream that cut headward between Coaly Wash and Oak Creek during Stage 1 has captured Oak Creek at the west side of Table Mountain.



The courses of Bull Creek and Nazer Creek are not changed. The gravel-covered surfaces on which these streams flowed during Stage 1 have been greatly reduced. A stream, eroding headward along the east edge of the surface on which Nazer Creek flowed during Stage 1, threatens to capture Bull Creek. McClellan Wash is in a youthful valley west of this pediment. Birch Creek and Coaly Wash have maintained their courses but their tributaries have greatly reduced the gravel-covered Stage 1 surface of Birch Creek. Oak Creek has maintained its course. Its abandoned surface (Stage 1) has been eroded further and is cut through by a stream from the west.



Bull Creek has been diverted westward onto the pediment that developed during Stage 3 and is aggrading that pediment. Another minor diversion occurred above the junction with Nazer Creek and was caused by a tributary cutting headward along the foot of the mountain isolating a small remnant of the surface on which Bull Creek flowed during Stage 1. The lower end of Nazer Creek was diverted into a tributary of the pediment now being aggraded by Bull Creek. Bull Creek is about to be diverted onto a pediment along McClellan Wash. The two drainages are separated by a 10-foot divide and the pediment is considerably lower. A youthful valley at the head of the wash has nearly captured Nazer Creek at a place where the west bank of Nazer Creek is 5 1/2 feet high and the wash is 55 feet lower. The lower part of Birch Creek has been diverted into a youthful valley which is now being aggraded. A broad pediment has developed along the lower part of Coaly Wash and a deep valley, known as Jet Basin, extends headward close to where Birch Creek emerges from the mountain. The head of this valley is several hundred feet lower than Birch Creek and the divide between them is only 20 feet high. Oak Creek has been diverted to the west. A new gravel-free pediment is developing between the new and the abandoned courses of Oak Creek.

