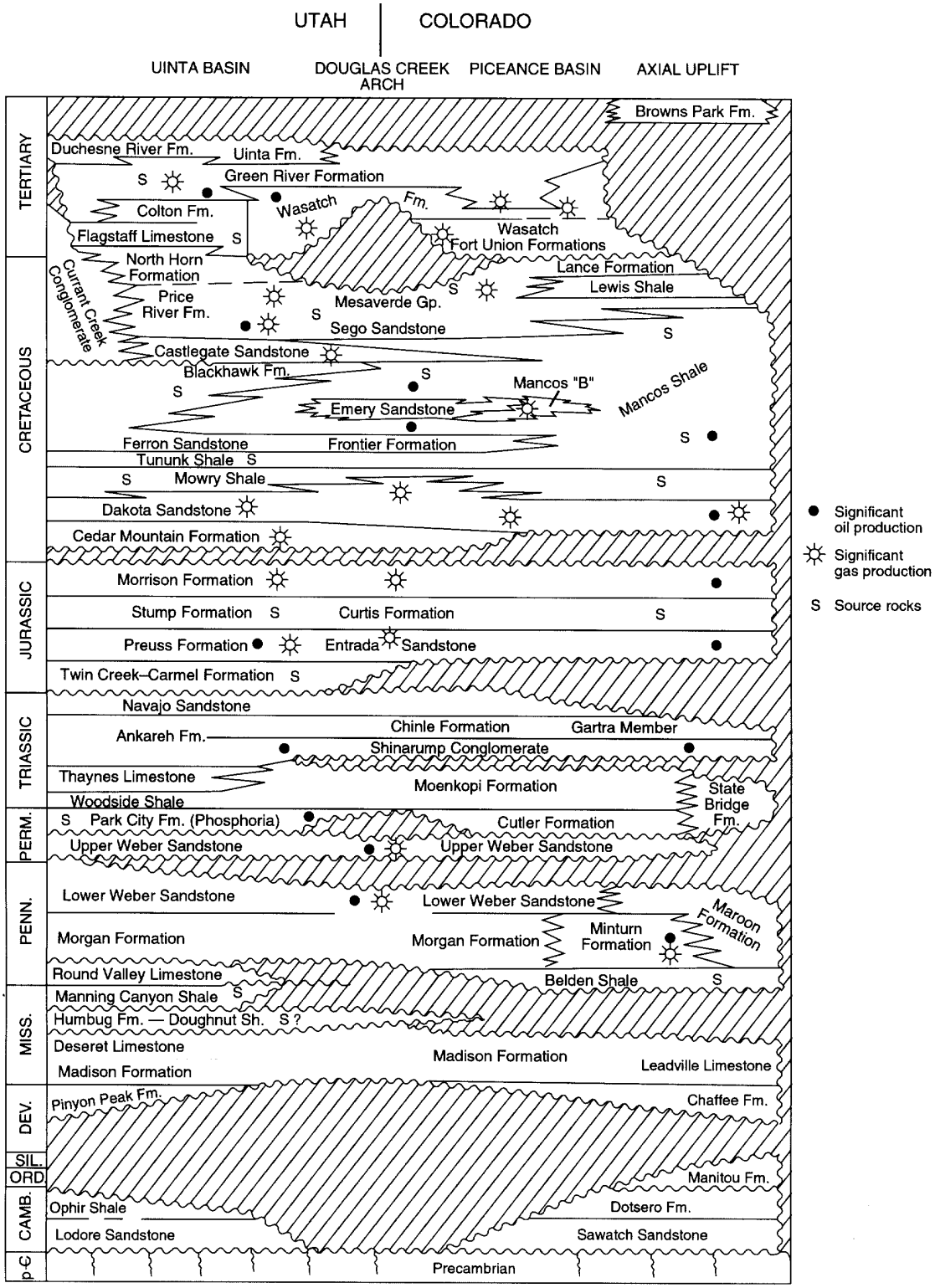
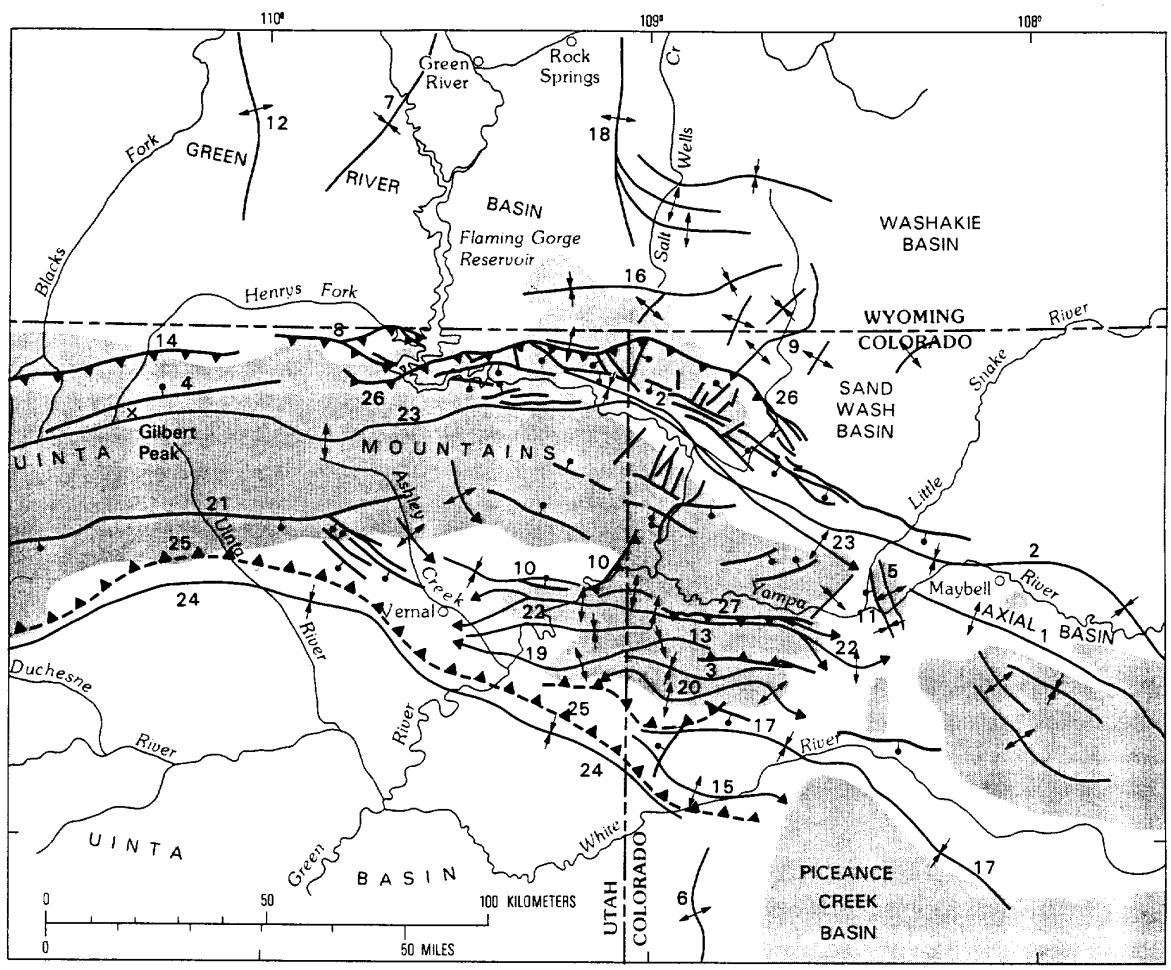
FIGURE 5. GENERALIZED LITHOLOGIC COLUMN FOR THE VERNAL PLANNING AREA (UINTA BASIN)



Modified from Sanborn (1971, 1981)

FIGURE 6. GENERAL GEOLOGIC STRUCTURES OF THE PLANNING AREA AND ADJACENT REGIONS



EXPLANATION

NORMAL FAULT—Bar and ball on downthrown side

THRUST FAULT—Dashed where concealed or inferred. Sawteeth on upper plate

ANTICLINE

SYNCLINE

MONOCLINE

1. Axial Basin anticline
2. Browns Park-Lay syncline
3. Buckwater Ridge syncline
4. Crest fault
5. Cross Mountain anticline
6. Douglas Creek arch
7. Green River basin axis
8. Henrys Fork fault
9. Hiawatha anticline
10. Island Park fault/syncline
11. Lily Park syncline
12. Moxa arch
13. Mud Springs monocline
14. North flank fault
15. Rangely anticline
16. Red Creek syncline
17. Red Wash syncline
18. Rock Springs uplift
19. Section Ridge anticline
20. Skull Creek-Willow Creek anticline
21. South flank fault
22. Split Mountain-Yampa-Elk Springs anticline
23. Uinta anticline
24. Uinta Basin axis
25. Uinta Basin boundary fault
26. Uinta-Sparks fault zone
27. Yampa fault

(Modified from Hanson 1986)