

SOURCES OF DATA

SECTION A-A'

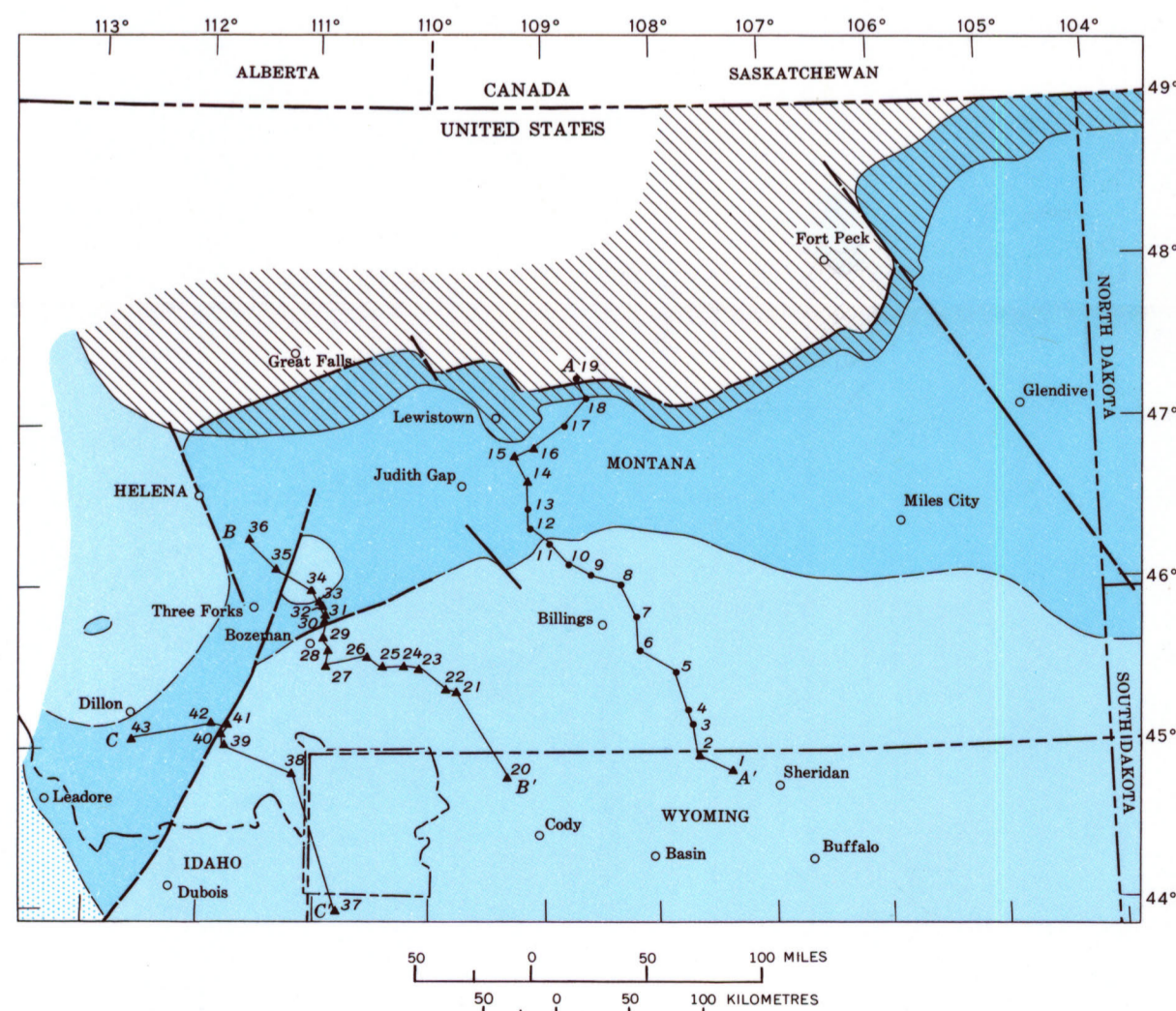
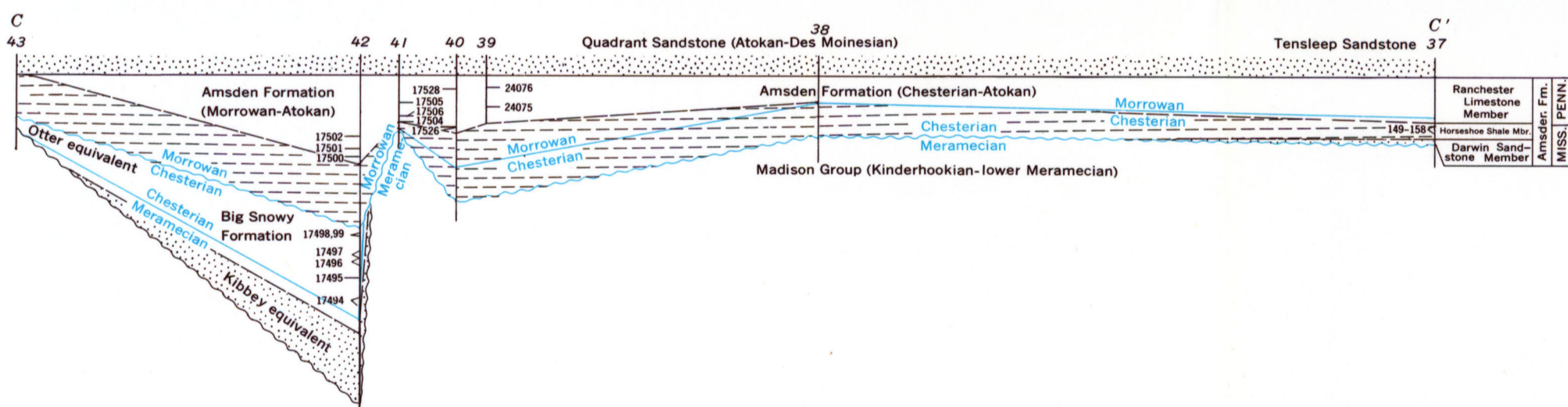
- (Modified from Maughan and Roberts, 1967, pl. 1)
- Amsden Creek. Sec. 32, T. 57 N., R. 87 W., Sheridan County, Wyo.
 - Little Bighorn River. Sec. 19(?), T. 58 N., R. 89 W., Sheridan County, Wyo.
 - Tidewater Oil Co., Crow Tribal 1-A. Sec. 29, T. 7 S., R. 33 E., Big Horn County, Mont.
 - Petroleum Producers Refining Co., Crow Tribal 11. Sec. 27, T. 6 S., R. 32 E., Big Horn County, Mont.
 - Farmers Union, Tribal 1. Sec. 34, T. 3 S., R. 31 E., Big Horn County, Mont.
 - Carter Oil Co., Crow Tribal 1. Sec. 17, T. 2 S., R. 29 E., Yellowstone County, Mont.
 - Lion Oil Co., Hereford 1. Sec. 1, T. 1 N., R. 28 E., Yellowstone County, Mont.
 - Gulf Oil Corp., Mackey Ranch 1. Sec. 27, T. 4 N., R. 27 E., Yellowstone County, Mont.
 - Cities Service, Cleveland 1. Sec. 11, T. 4 N., R. 25 E., Yellowstone County, Mont.
 - Aries Oil Co., Spidel 1. Sec. 12, T. 5 N., R. 23 E., Musselshell County, Mont.
 - Phillips Petroleum Co., A. Jensen 1. Sec. 27, T. 7 N., R. 22 E., Golden Valley County, Mont.
 - Ashland Oil-Zach Brooks, Northern Pacific Railroad 1. Sec. 29, T. 8 N., R. 21 E., Golden Valley County, Mont.
 - Shell Oil Co., Northern Pacific 21-19. Sec. 19, T. 9 N., R. 21 E., Golden Valley County, Mont.
 - Stonehouse Canyon. Sec. 25, T. 11 N., R. 20 E., and secs. 29-31, T. 11 N., R. 21 E., Golden Valley County, Mont.
 - Alaska Bench. Secs. 25, 36, T. 13 N., R. 19 E., and sec. 1, T. 12 N., R. 19 E., Fergus County, Mont.
 - Potter Creek Dome. Secs. 5, 8, T. 13 N., R. 21 E., Fergus County, Mont.
 - L. S. Youngblood, Shannon Cross 1. Sec. 17, T. 16 N., R. 22 E., Fergus County, Mont.
 - Amerada and British American Oil Companies, Burke 1. Sec. 25, T. 17 N., R. 24 E., Petroleum County, Mont.
 - Amerada Petroleum Co., Lester Pestol 1. Sec. 17, T. 18 N., R. 24 E., Fergus County, Mont.

SECTION B-B'

- (Data from this report unless otherwise indicated)
- Clarks Fork Canyon. NE 1/4 SE 1/4 sec. 6, T. 56 N., R. 103 W., Park County, Wyo.
 - Benbow Mine Road. SE 1/4 NW 1/4 sec. 20, T. 5 S., R. 16 E., Stillwater County, Mont.
 - Prairie Creek. SE 1/4 SE 1/4 sec. 18, T. 5 S., R. 16 E., Stillwater County, Mont.
 - East Boulder River. NE 1/4 NW 1/4 sec. 29, T. 3 S., R. 13 E., Sweet Grass County, Mont.
 - Boulder Falls. SW 1/4 SE 1/4 sec. 23, T. 3 S., R. 12 E., Sweet Grass County, Mont.
 - Dry Creek. SE 1/4 sec. 35, T. 2 S., R. 10 E., Park County, Mont.
 - Livingston. SE 1/4 SE 1/4 sec. 35, T. 2 S., R. 9 E., Park County, Mont.
 - Mystic Lake. SE 1/4 SE 1/4 sec. 25, T. 3 S., R. 6 E., Gallatin County, Mont.
 - Rocky Canyon. SE 1/4 sec. 19, T. 2 S., R. 7 E., Gallatin County, Mont. (McMannis, 1955, fig. 3).
 - Bridger Canyon. Sec. 34, T. 1 S., R. 6 E., Gallatin County, Mont. (McMannis, 1955, fig. 3).
 - Bridger Peak. NW 1/4 sec. 36, T. 1 N., R. 6 E., Gallatin County, Mont. (McMannis, 1955, fig. 3).
 - Ross Peak. SW 1/4 sec. 2, T. 1 N., R. 6 E., Gallatin County, Mont. (McMannis, 1955, fig. 3).
 - Sacajawea Peak. NE 1/4 NE 1/4 sec. 27, T. 2 N., R. 6 E., Gallatin County, Mont.
 - South Angler Lake. Sec. 15, T. 2 N., R. 6 E., Gallatin County, Mont.
 - Horse Mountain. NW 1/4 sec. 19, T. 3 N., R. 6 E., Gallatin County, Mont. (modified from McMannis, 1955, fig. 3).
 - Lombard. SW 1/4 sec. 7, T. 4 N., R. 3 E., Broadwater County, Mont.
 - Indian Creek. SW 1/4 sec. 32, T. 7 N., R. 1 E., Broadwater County, Mont.

SECTION C-C'

- (Data from this report unless otherwise indicated)
- Berry Creek. NW 1/4 sec. 22, T. 47 N., R. 116 W., Teton County, Wyo. (J. D. Love, written commun., 1969).
 - Peak 9830. NW 1/4 sec. 12, T. 11 S., R. 4 E., Gallatin County, Mont. (Witkind, 1969, p. 93).
 - Warm Springs Creek. SE 1/4 sec. 8, T. 9 S., R. 2 W., Madison County, Mont. (J. B. Hadley, written commun., 1970).
 - Devils Lane. SE 1/4 sec. 29, T. 8 S., R. 2 W., Madison County, Mont.
 - Wigwam Creek. SW 1/4 sec. 27, T. 7 S., R. 2 W., Madison County, Mont. (J. B. Hadley, written commun., 1970).
 - Baldy Mountain. SE 1/4 sec. 26 and NW 1/4 sec. 35, T. 7 S., R. 3 W., Madison County, Mont.
 - Sheep Creek. Sec. 7, T. 9 S., R. 8 W., Beaverhead County, Mont. (Sloss and Moritz, 1961, p. 2159).



PALEOGEOLOGIC MAP OF ROCKS BENEATH AMSDEN GROUP SHOWING LOCATION OF STRATIGRAPHIC SECTIONS (FROM MAUGHAN AND ROBERTS, 1967, PL. 3)

EXPLANATION

- White Knob Group
- Big Snowy Group or Formation
- Madison Group or Limestone
- Area where Big Snowy and Madison Groups beveled and truncated beneath Jurassic rocks
- Area of no control or beyond limits of investigation
- Contact
- Dashed where approximately located
- Probable fault
- Possible fault
- Surface measured section
- Subsurface borehole log
- Control points

CORRELATION OF STRATIGRAPHIC SECTIONS OF BIG SNOWY AND AMSDEN GROUPS
IN CENTRAL AND SOUTHERN MONTANA AND NORTHERN WYOMING