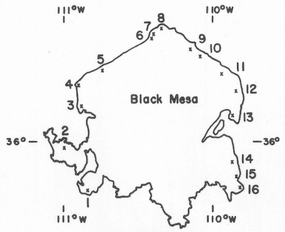

Locations of Measured Sections Around Black Mesa

Sandstone

Siltstone or Shale

Alternating Siltstone & Sandstone

Coal Bed or Lignite

Recent Erosion

Horizontal Scale between Sections

5 4 3 2 1 0 5 10 Miles

Datum is base of Dakota Sandstone

Vertical scale in feet

1600 1500 1400 1300 1200 1100 1000 900 800 700 600 500 400 300 200 100 0

Yale Point Sandstone

Wepo Formation

Toreva Formation

Mesaverde Group

Mancos Shale

Dakota Sandstone

Elevation 6300ft.

Elev. 6600ft.

Section No. 1 — 20.4 miles — 2 — 12.8 miles — 3 — 9.2 mi. — 4 — 12.4 miles — 5 — 18 miles — 6 — 3.4 mi. — 7 — 4 mi. — 8 — 16 miles — 9 — 5 mi. — 10 — 2.8 miles — 11 — 7.2 miles — 12 — 11 miles — 13 — 16 miles — 14 — 6 miles — 15 — 6 miles — 16

Blue Point
Cooley, et al 1964, p. 108

Coal Canyon
Williams, 1951 Sec. 19

Blue Canyon
Williams, 1951 Sec. 9

Cow Springs Area
Williams, 1951 Sec. 18

Klethla Valley
Williams, 1951 Sec. 4 & 12

Williams, 1951 Sec. 5 10 11

Beaumont & Dixon 1964 Sec. 17 Sec. 19

Rough Rock
Cooley, et al 1964, p. 123

Yale Point
Repanning & Page, 1956 p. 292

Lohali Point
Cooley, et al 1964, p 126

Merrin 1956 Sec. IV

Balakai Point
Cooley, et al, 1964 p.145–6

Steamboat
p.146

Generalized Measured Cretaceous Sections Around the Perimeter of Black Mesa, Arizona.