

COLUMNAR SECTION SHEET

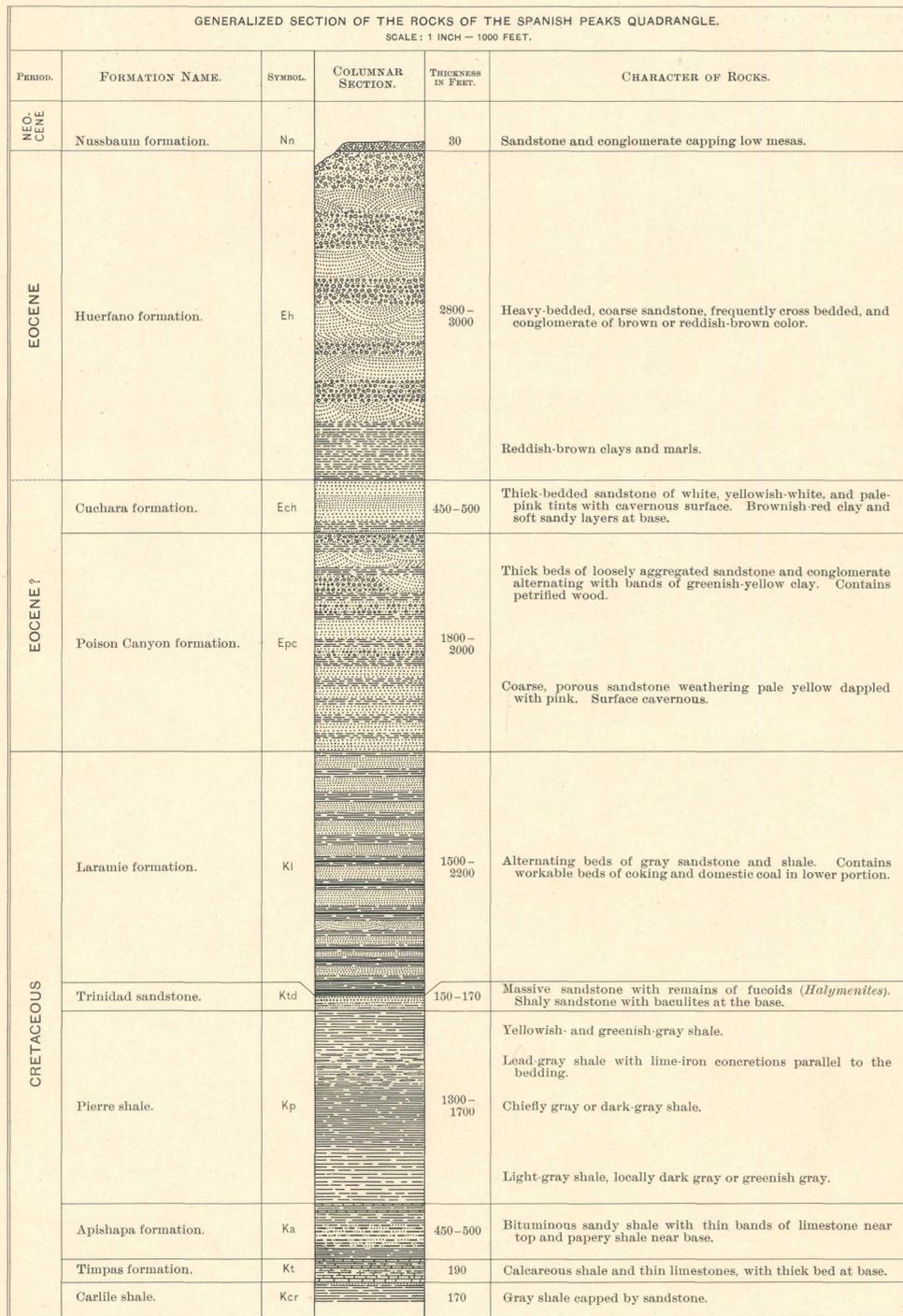
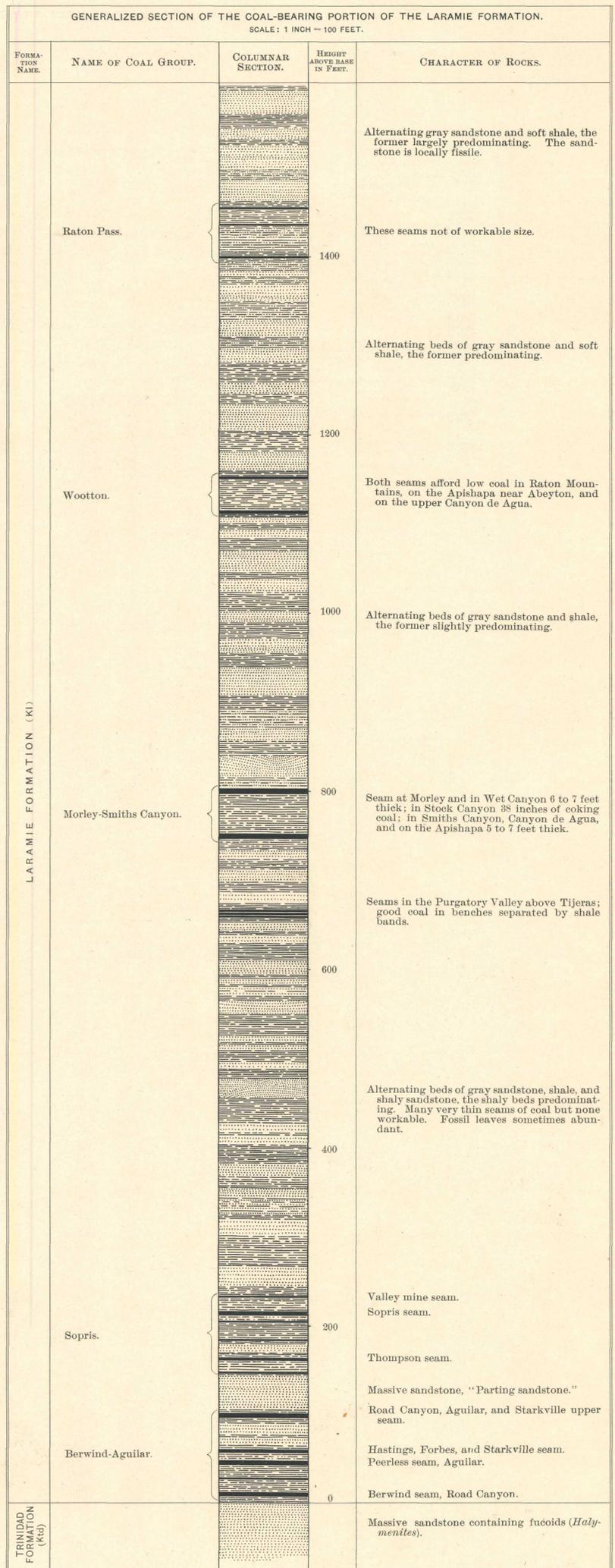
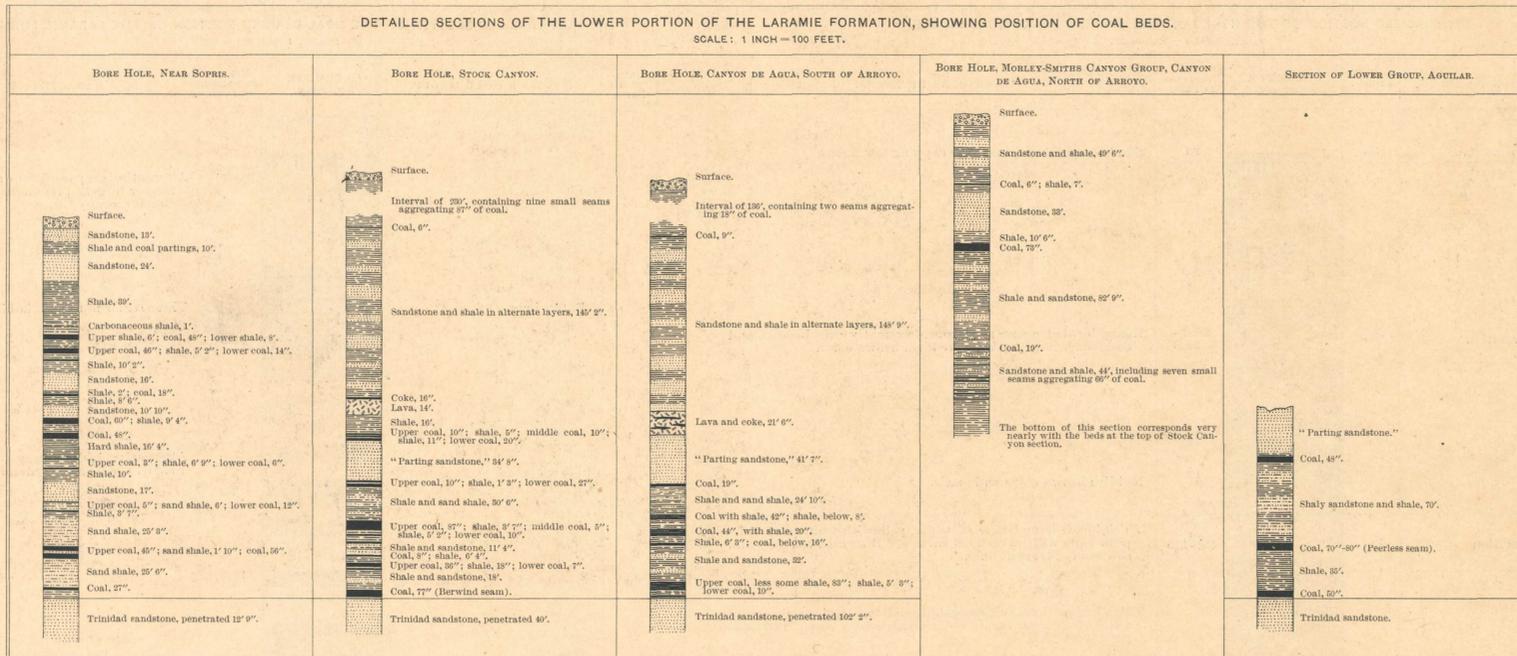


TABLE OF FORMATION NAMES.

PERIOD.	NAMES AND SYMBOLS USED IN THIS FOLIO.		NAMES USED BY VARIOUS AUTHORS.		G. K. GILBERT: SEVENTEENTH ANNUAL REPORT U. S. GEOLOGICAL SURVEY, 1896.	F. V. HAYDEN: GEOLOGICAL ATLAS OF COLORADO, 1881.
NEO-CENE	Nussbaum formation.	Nn	Nussbaum.		Upland sands.	
EO-CENE	Huerfano formation.	Eh				
EOCENE?	Cuchara formation.	Ech				
	Poison Canyon formation.	Epc				
CRETACEOUS	Laramie formation.	Kl	Laramie.			Laramie (post-Cretaceous).
	Trinidad formation.	Ktd	Fox Hills.	Montana.		Fox Hills (including Fort Pierre).
	Pierre shale.	Kp	Pierre.		Pierre shale.	
	Apishapa formation.	Ka		Colorado.	Apishapa formation.	Colorado (comprising Fort Benton and Niobrara).
	Timpas formation.	Kt	Niobrara.		Timpas formation.	
	Carlile shale.	Kcr	Benton.		Carlile shale.	



DETAILED SECTIONS OF THE LOWER PORTION OF THE LARAMIE FORMATION, SHOWING POSITION OF COAL BEDS.
SCALE: 1 INCH = 100 FEET.



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SPECIAL ILLUSTRATIONS

U. S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

COLORADO
SPANISH PEAKS QUADRANGLE

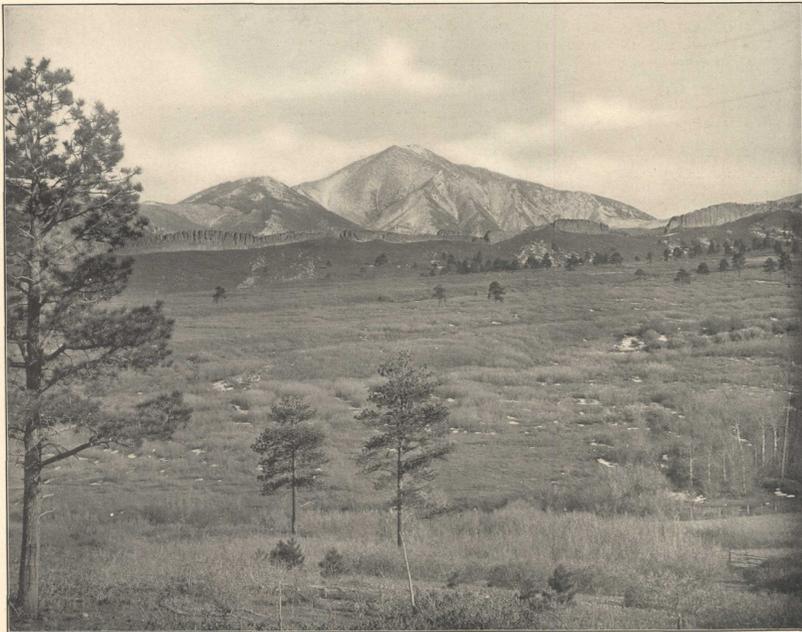


FIG. 3.—EAST SPANISH PEAK, FROM THE NORTHWEST.

The great dike, which runs north from the West Peak, is shown in the middle ground. The ridge on the left is granite-porphry.



FIG. 4.—WEST SPANISH PEAK, FROM THE NORTHWEST.

Flat-lying Eocene rocks outcrop on the middle slopes of the mountain. One large dike and several smaller ones are seen in the foreground.



FIG. 5.—GENERAL VIEW OF THE SPANISH PEAKS, FROM THE NORTHWEST.

West Spanish Peak on the right of the picture; East Spanish Peak on the left; flat-topped bluff of Cuchara sandstone on the extreme left. View is taken from the north end of the great dike ridge, seen in the middle of the picture.

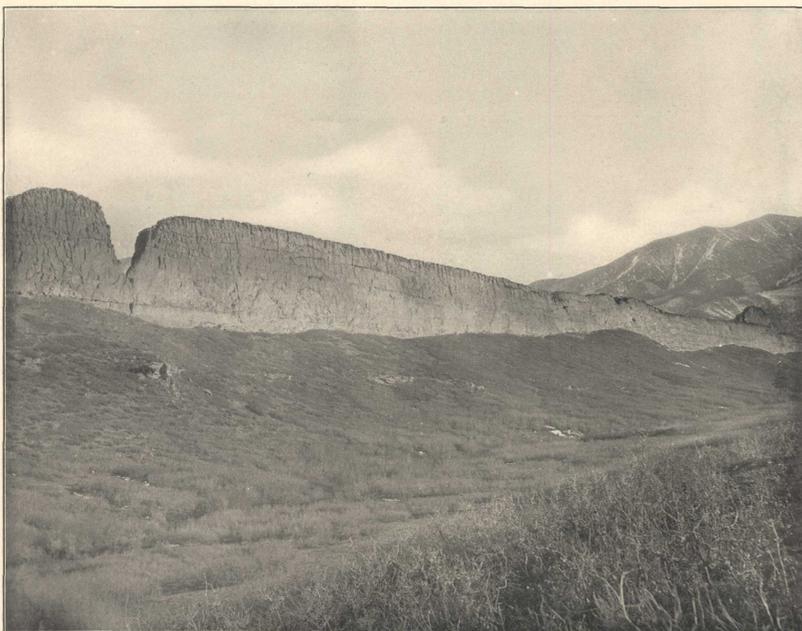


FIG. 6.—VIEW OF THE GREAT DIKE NORTH OF WEST SPANISH PEAK, FROM THE NORTHWEST.
Horizontal lines on the dike are casts of the bedding planes of the inclosing Cuchara sandstone. Base of the West Peak is on the right.



FIG. 7.—NEAR VIEW OF THE GREAT DIKE NORTH OF WEST SPANISH PEAK, FROM THE NORTHEAST.
At this point it forms a continuous wall, 100 feet in height.