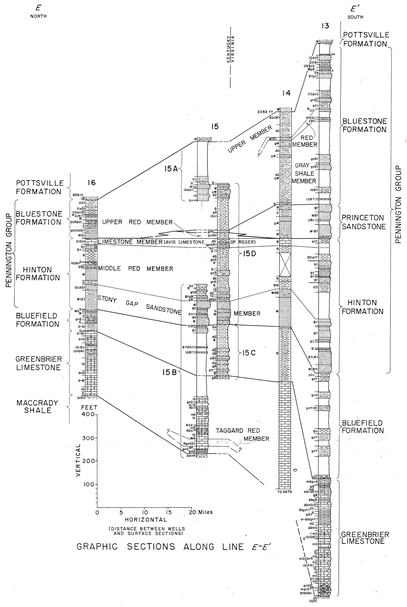
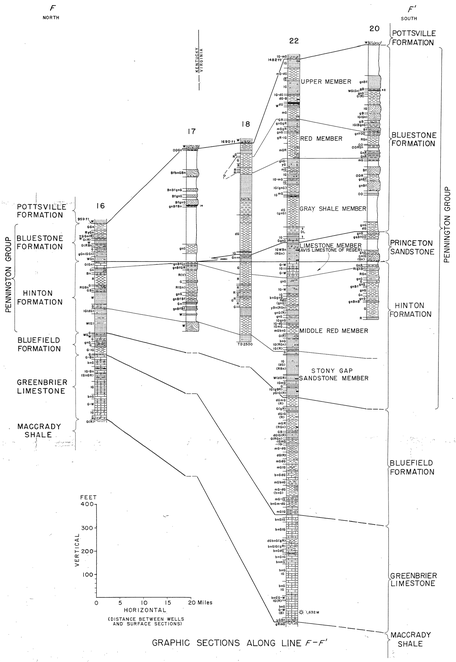
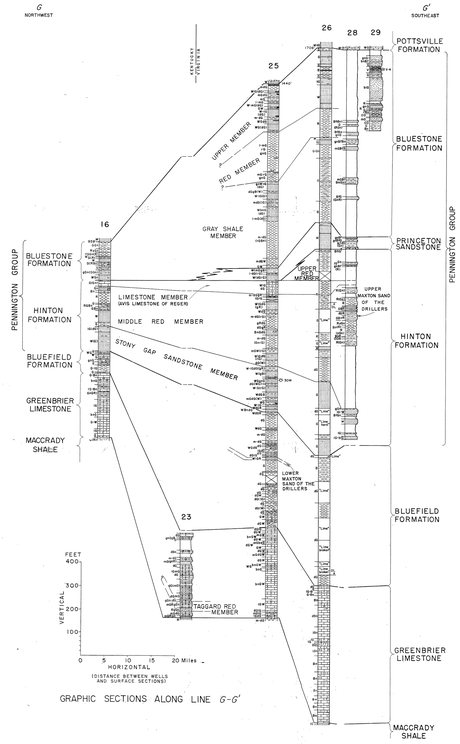


GRAPHIC SECTIONS ALONG LINE E-E'



GRAPHIC SECTIONS ALONG LINE F-F'



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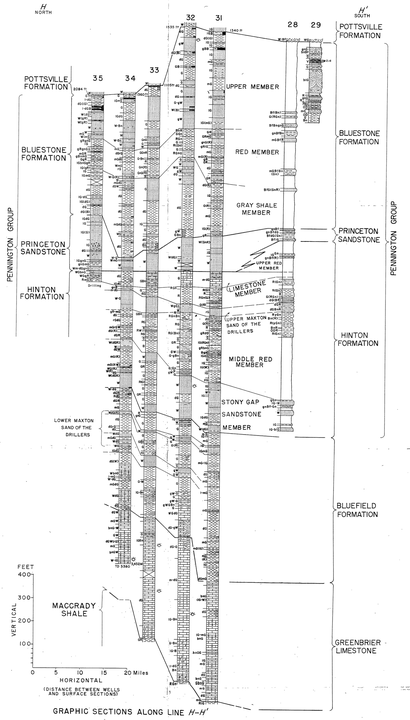


GRAPHIC SECTIONS ALONG LINE H-H'

EXPLANATION

LITHOLOGY

LIMESTONE: Limestone, Oolitic, Cherty, Sandy, Shaly, Silty, Conglomeratic, Dolomitic, Dolomite, Chert, Anhydrite

SHALE: Shale, Calcareous, Dolomitic, Sandy

SILTSTONE: Siltstone, Calcareous, Dolomitic

SANDSTONE: Even-bedded, Cross-bedded, Shaly, Calcareous, Dolomitic, Conglomerate or conglomeratic

Coal bed — Thickness in inches

Coal bed (drawn) — Discontinuity

Gas zone — Volume gauged in thousands of cubic feet per day

Showing of gas

Showing of oil

Drillers log

No samples — Blank if interval is small

Surface section — Covered intervals blank

ABBREVIATIONS USED TO DESIGNATE THE COLOR OF THE ROCK

Blue	bl	Black	k
Bluish	bl	Brown	br
Grayish	g	Brown	br
Greenish	gn	Buff	bf
Purplish	p	Gray	g
Reddish	r	Green	gn
Yellowish	y	Olive-drab	od
		Purple	p
		Red	r
Light	l	Variegated	v
Medium	m	White	w
Dark	d	Yellow	y

Hyphen indicates the word "to" and is only used between two consecutive colors.

If several colors are grouped in a unit, no hyphen is used. Only the last two colors, where more than one modifies the same color.

Parentheses indicate small amounts or traces of the color or colors which are enclosed.

EXAMPLES

Gray and brown	gbn
Gray to brown	g-bn
Grayish-brown	gbn
Gray, brown, and red	gbnr
Gray, brown, and traces of some grayish red	
Gray to brown	g(bn-gbn)
Light, medium, and dark gray	(w-g-k)

TEXTURE

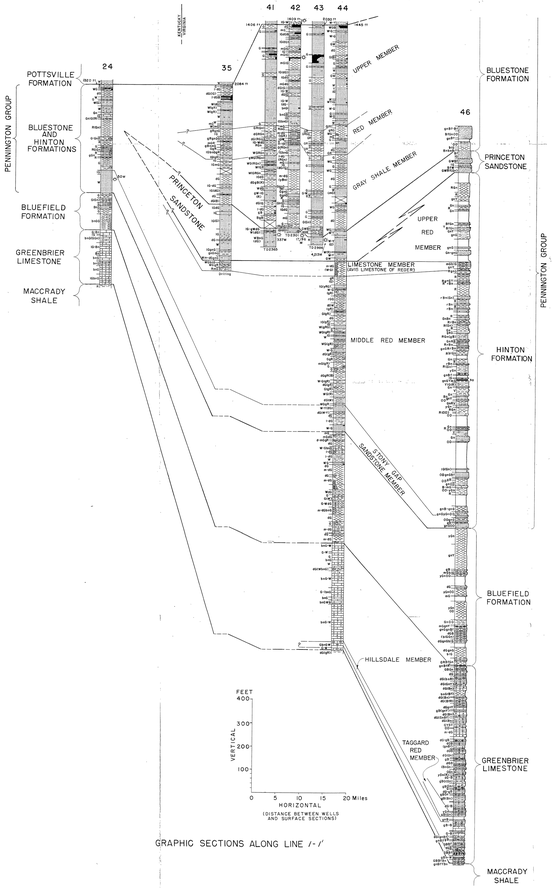
Total depth, in feet, of well indicated only where the well was completed in the stratigraphic sequence included in this report

Depth of base of Pottsville formation indicated at contact of Bluestone and Pottsville formations

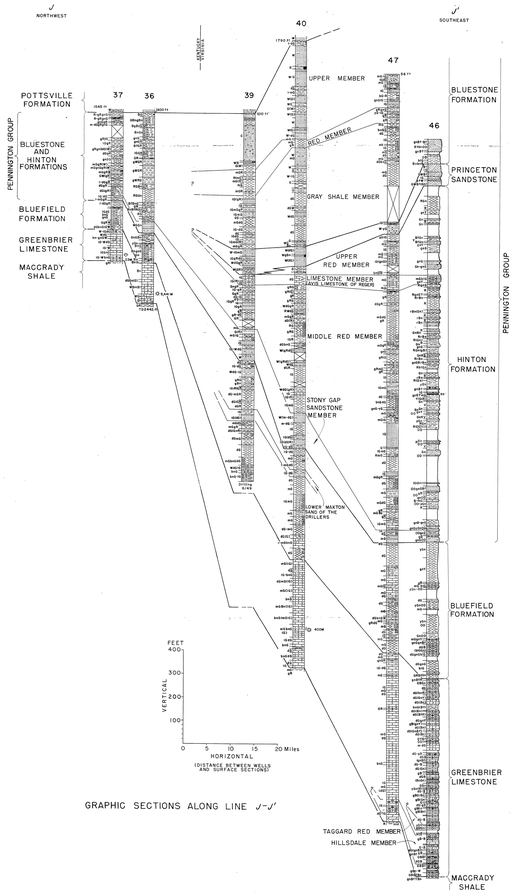
Percentage sample logs used in parts of graphic sections where samples were of mixed lithologies

Locations of wells are shown on pl 27 and given in table 1

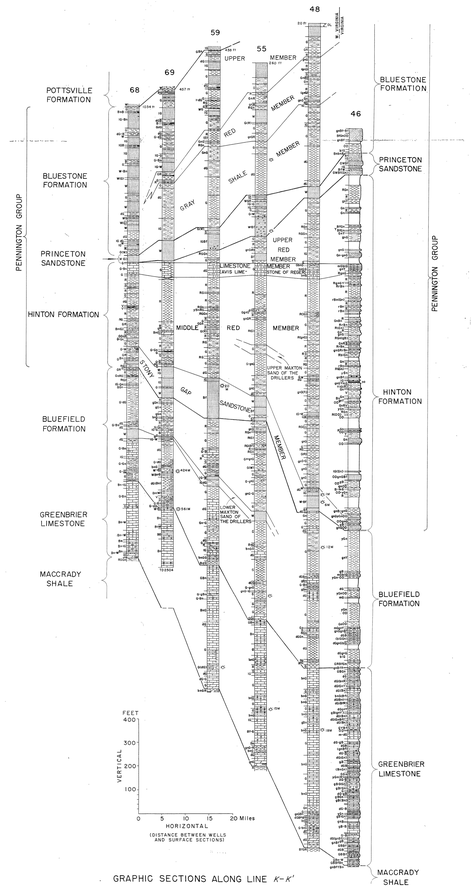
Boundaries of color units indicated on left side of well or surface section and do not necessarily coincide with lithologic boundaries



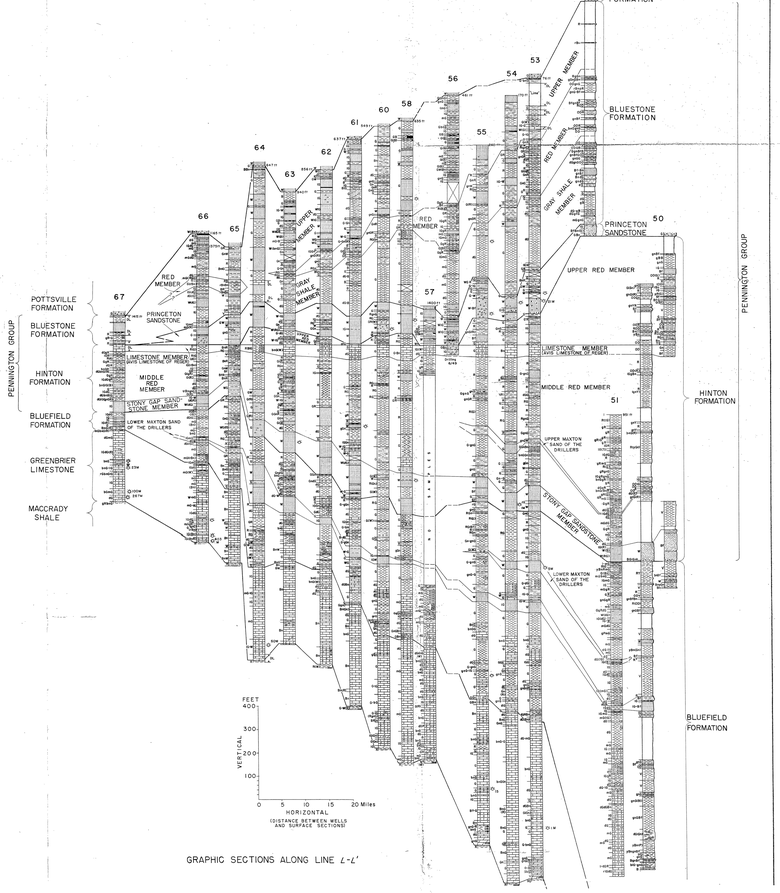
GRAPHIC SECTIONS ALONG LINE I-I'



GRAPHIC SECTIONS ALONG LINE J-J'



GRAPHIC SECTIONS ALONG LINE K-K'



GRAPHIC SECTIONS ALONG LINE L-L'

GRAPHIC SECTIONS ALONG LINES E-E' THROUGH L-L', UPPER MISSISSIPPIAN ROCKS OF SOUTHWESTERN VIRGINIA, SOUTHERN WEST VIRGINIA, AND EASTERN KENTUCKY

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