

COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	COAL BED NAME	LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	FORT UNION	Arvada	1. Siltstone, gray interbedded with light gray sandstone, fine-grained, and dark gray to gray shale
			Local	2. Coal with partings
			Roland of Baker (1929)	3. Sandstone, silty, gray, interbedded with shale, dark gray, sandstone, light gray, fine-grained, and a thin molluscan conquina
			Trail	4. Coal
			Waddle	5. Sandstone, light gray to gray, fine-grained interbedded with siltstone, light gray to gray and some limy gray shale
			Local Smith	6. Coal, occurs in as many as 4 benches separated by gray shale
			Anderson	7. Sandstone, yellowish gray, fine-grained limy, forms persistent bench
			Dietz	8. Siltstone, light gray, and sandstone, light gray
			Cox	9. Coal with persistent parting, and locally with petrified wood
			Canyon	10. Shale, gray to dark gray, interbedded with siltstone, light gray, with thin zone of molluscan fossils
TERTIARY	PALEOCENE	FORT UNION	White	11. Coal, locally clayey
			Cook	12. Shale, gray interbedded with siltstone, gray to light gray, and a thin lenticular coal bed
			Otter	13. Coal, with abundant petrified wood
			Wall	14. Siltstone, light gray with clayey gray sandstone, and locally dark gray silty shale
			Local	15. Shale, dark gray
			Local	16. Coal
			Brewster Arnold Odell	17. Siltstone, light gray, interbedded with yellowish gray, fine-grained sandstone and gray shale
			King	18. Coal, locally split into 2 or 3 benches
			Knobloch	19. Shale, silty, light gray interbedded with yellowish gray siltstone and fine-grained sandstone, and with one or more lenticular coal beds, persistent siltstone ledge at top
			Roberts	20. Coal
TERTIARY	PALEOCENE	FORT UNION	Local	21. Interbedded gray to yellowish gray siltstone and fine grained sandstone with gray to dark gray shale
			Local	22. Coal
			Local	23. Coal
			Local	24. Coal
			Local	25. Coal
			Local	26. Coal
			Local	27. Coal
			Local	28. Coal
			Local	29. Coal
			Local	30. Coal
TERTIARY	PALEOCENE	FORT UNION	Local	31. Coal
			Local	32. Coal
			Local	33. Coal
			Local	34. Coal
			Local	35. Coal
			Local	36. Coal
			Local	37. Coal
			Local	38. Coal
			Local	39. Coal
			Local	40. Coal

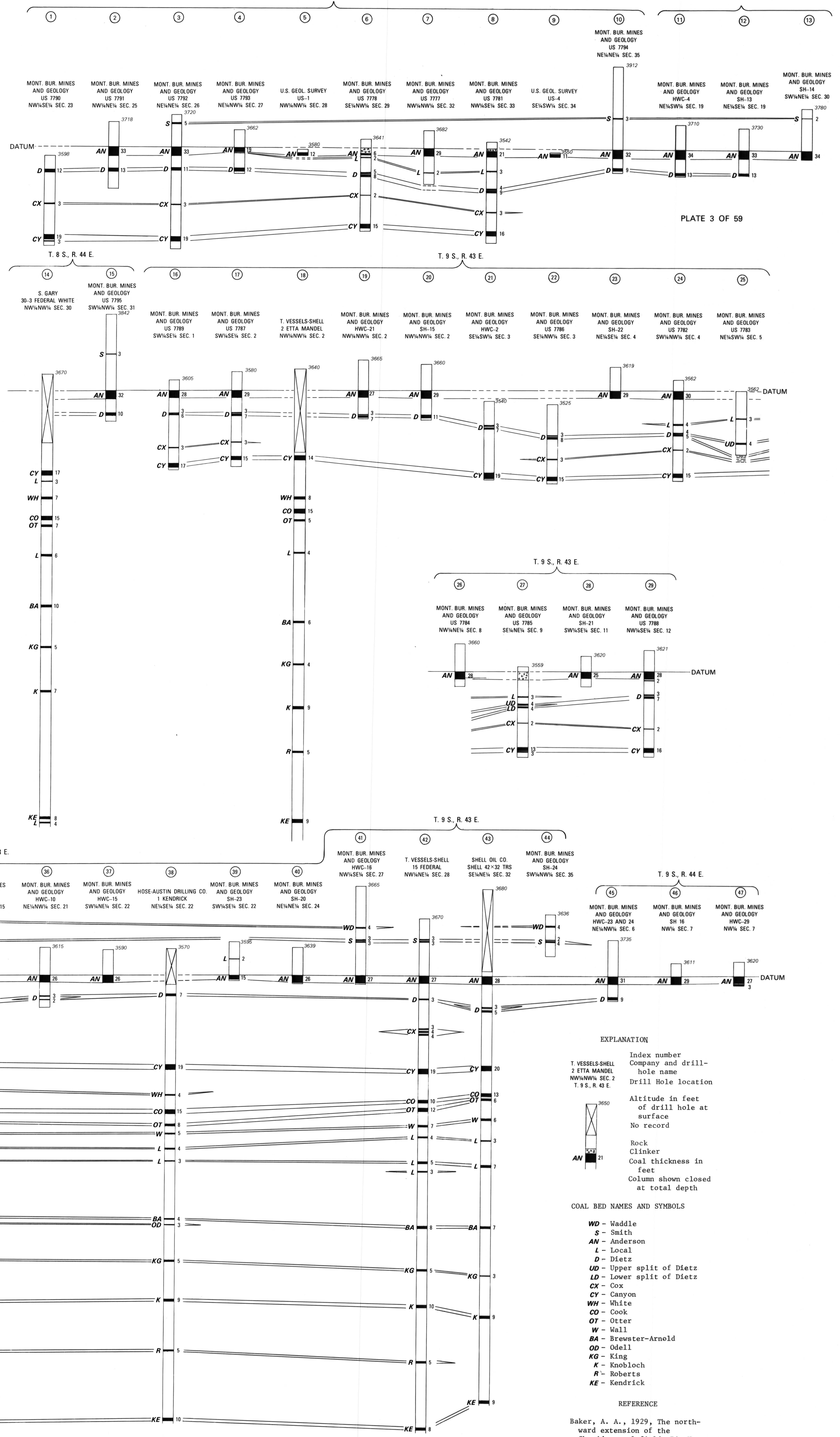
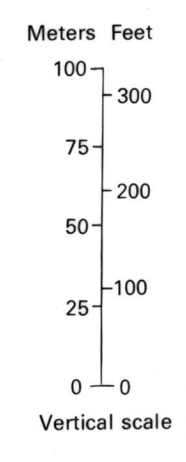


PLATE 3 OF 59

EXPLANATION  
Index number  
Company and drill-hole name  
Drill Hole location  
Altitude in feet of drill hole at surface  
No record  
Rock  
Clinker  
Coal thickness in feet  
Column shown closed at total depth

COAL BED NAMES AND SYMBOLS  
WD - Waddle  
S - Smith  
AN - Anderson  
L - Local  
D - Dietz  
UD - Upper split of Dietz  
LD - Lower split of Dietz  
CX - Cox  
CY - Canyon  
WH - White  
CO - Cook  
OT - Otter  
W - Wall  
BA - Brewster-Arnold  
OD - Odell  
KG - King  
K - Knobloch  
R - Roberts  
KE - Kendrick

REFERENCE  
Baker, A. A., 1929, The northward extension of the Sheridan coal field, Big Horn and Rosebud Counties, Montana. U.S. Geol. Survey Bull. 806-B, p 15-67.



COAL RESOURCE OCCURRENCE MAP OF THE FORKS RANCH QUADRANGLE, BIG HORN COUNTY, MONTANA

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