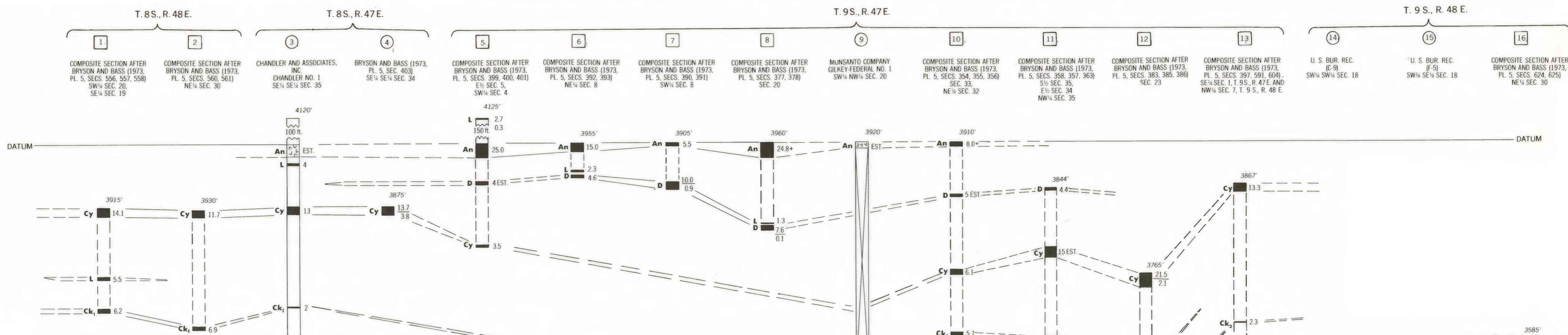
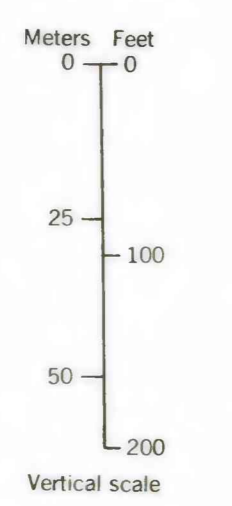


CORRELATION OF COAL BEDS IN DRILL HOLES, MEASURED SECTIONS, AND COMPOSITE SECTIONS.



COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION AND MEMBER	COAL BED NAME	LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	FORT UNION FORMATION (PART) TONGUE RIVER MEMBER	Local	1. Coal
			Anderson	2. Shale, light yellow-brown
				3. Coal and clinker
				4. Sandstone and shale, interbedded
				5. Coal
				6. Sandstone and shale, interbedded
				7. Coal
			Dietz	8. Sandstone and shale, interbedded, friable
				9. Coal
				10. Shale
				11. Coal
				12. Sandstone and shale, interbedded
				13. Coal
				14. Shale
				15. Coal
				16. Sandstone and shale, interbedded
				17. Coal
				18. Sandstone and shale, interbedded
			Canyon	19. Coal
				20. Sandstone and shale, interbedded
				21. Coal
				22. Sandstone and shale, interbedded
				23. Coal
				24. Sandstone and shale, interbedded
			Local	25. Coal
				26. Sandstone and shale, interbedded
				27. Coal
			Upper Cook	28. Sandstone and shale, interbedded
				29. Coal, locally with a thin shale parting
				30. Shale and siltstone, interbedded
			Lower Cook	31. Coal
				32. Shale
				33. Coal
			Number 4b bed	34. Siltstone and shale, with minor coal beds
				35. Coal
				36. Shale
			Number 5 bed	37. Coal
			Number 5a bed	38. Siltstone and shale, interbedded
			Local	39. Coal
				40. Sandstone, siltstone, and shale, interbedded
				41. Coal
				42. Sandstone, siltstone, and shale, interbedded
			Pawnee	43. Coal
				44. Shale and sandstone
			Local	45. Coal
			Local	46. Shale
				47. Coal
				48. Sandstone and shale, interbedded
				49. Coal
				50. Sandstone and shale, interbedded
			Cache	51. Coal
Local				
Local				
Local				
Local				
King				
Knobloch				
Local				
Local				
Flowers-Goodale				
Broadus				
Contact				



**EXPLANATION**

12 Index number (within circle or square)

COMPOSITE SECTION AFTER BRYSON AND BASS (1973, PL. 5, SECS. 383, 385, 386) SEC. 23

Source of information or company and well name

Location

Ground elevation

Coal bed, showing thickness in feet. Where a thickness fraction is shown, it indicates the net coal thickness (upper number), and the net partings thickness (lower number). EST., estimated thickness.

Rock interval

Ck<sub>1</sub> Clinker, EST., estimated

No. 5 No record interval

Coal bed symbols and names

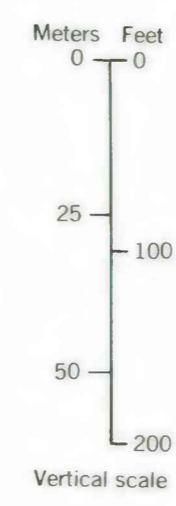
An—Anderson  
D—Dietz  
Cy—Canyon  
Ck<sub>1</sub>—Upper Cook  
Ck<sub>2</sub>—Lower Cook  
No. 4b—Number 4b bed  
No. 5—Number 5 bed  
L—Local  
Ca—Cache  
Ki—King  
Kn—Knobloch  
F-G—Flowers-Goodale  
Br—Broadus  
Ct—Contact

Column shown closed if at total depth

**REFERENCES**

BRYSON, R.P., and BASS, N. WOOD. 1973. Geology of Moorhead coal field, Powder River, Big Horn and Rosebud Counties, Montana. U.S. Geol. Survey Bull. 1338, 112 p.

U.S. Bureau of Reclamation, 1948. Open File.



COAL RESOURCE OCCURRENCE MAP OF  
THE BRADSHAW CREEK QUADRANGLE, POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979

PLATE 3  
COAL DATA SHEET

OPEN FILE REPORT 79-785  
PLATE 3 OF 39  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.  
Compiled in 1977