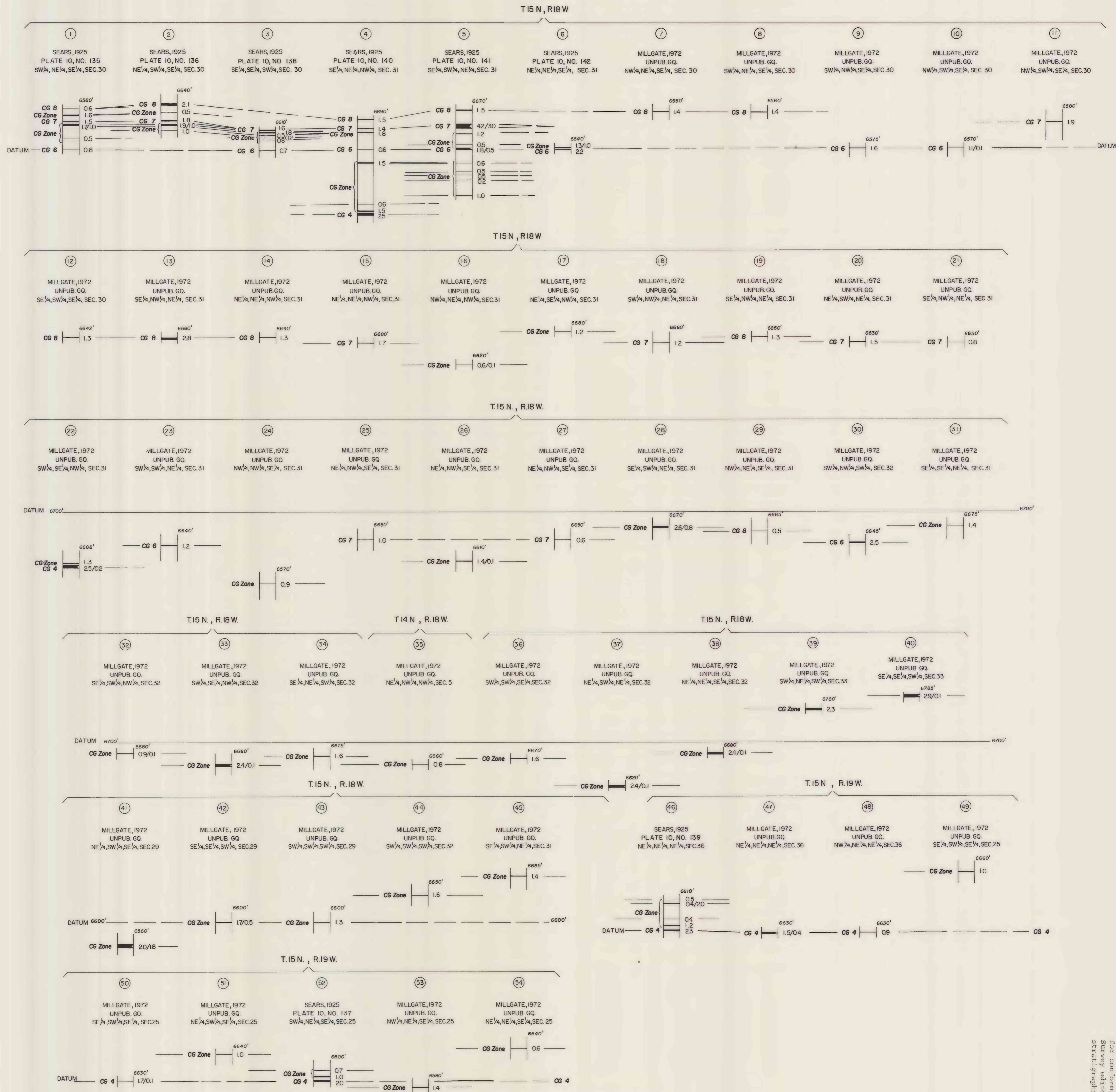
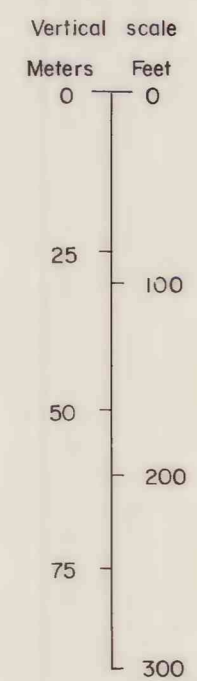


SYSTEM	SERIES	FORMATION	MEMBER	COAL BED ZONE NAME	LITHOLOGIC DESCRIPTION	
CRETACEOUS	UPPER	CRETACEOUS	MENEFEE	A	1	1. Shale; gray to brown, carbonaceous, sandy, abundant flora and fauna, interbedded light gray medium grained sandstone and siltstone.
					2	2. Siltstone; medium gray, carbonaceous, slightly sandy; thinly interbedded with gray to tan, medium to very coarse grained poorly sorted sandstone, and dark gray carbonaceous shale.
					3	3. Coal; Crevasse Canyon Gibson No. 8 bed.
					4	4. Coal; Crevasse Canyon Gibson No. 7 bed.
					5	5. Coal; Crevasse Canyon Gibson Zone.
					6	6. Coal; Crevasse Canyon Gibson No. 6 bed.
					7	7-8. Coal; Crevasse Canyon Gibson Zone.
					8	9. Coal; Crevasse Canyon Gibson No. 4 bed.
					9	10. Siltstone; yellow brown to olive gray; interbedded shales, and white to brown, very fine to medium grained, moderate to poorly sorted, calcareous sandstones; locally thin coal beds.
					10	11. Siltstone; medium gray to dark gray, argillaceous to sandy; thinly interbedded with medium grained, tan sandstone, and dark gray carbonaceous shale.
					11	12. Coal; Crevasse Canyon Dilco No. 5 bed.
					12	13. Coal; Crevasse Canyon Dilco No. 4 bed.
					13	14. Coal; Crevasse Canyon Dilco No. 3 bed.
					14	15. Coal; Crevasse Canyon Dilco Zone.
					15	16. Coal; Crevasse Canyon Dilco No. 2 bed.
					16	17. Sandstone; pink to tan to gray, fine to medium grained, moderately sorted, massive, locally cross-bedded and calcareous; occasional thin beds of gray argillaceous shale.
					17	18. Coal; Gallup No. 1 bed.
					18	19. Coal; Gallup Zone.
					19	20. Shale; dark gray to light gray, friable, silty; with minor thin brown, calcareous shale. NOTE: Complete section not shown.
20	A. Allison					



COAL RESOURCE OCCURRENCE MAP OF THE TWIN BUTTES
QUADRANGLE, MCKINLEY COUNTY, NEW MEXICO
BY
BERGE EXPLORATION, INC.
1980

This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.