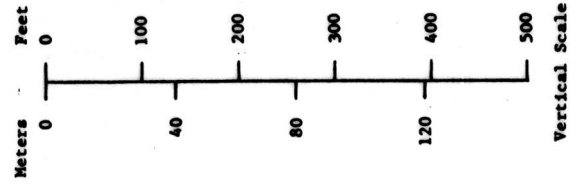
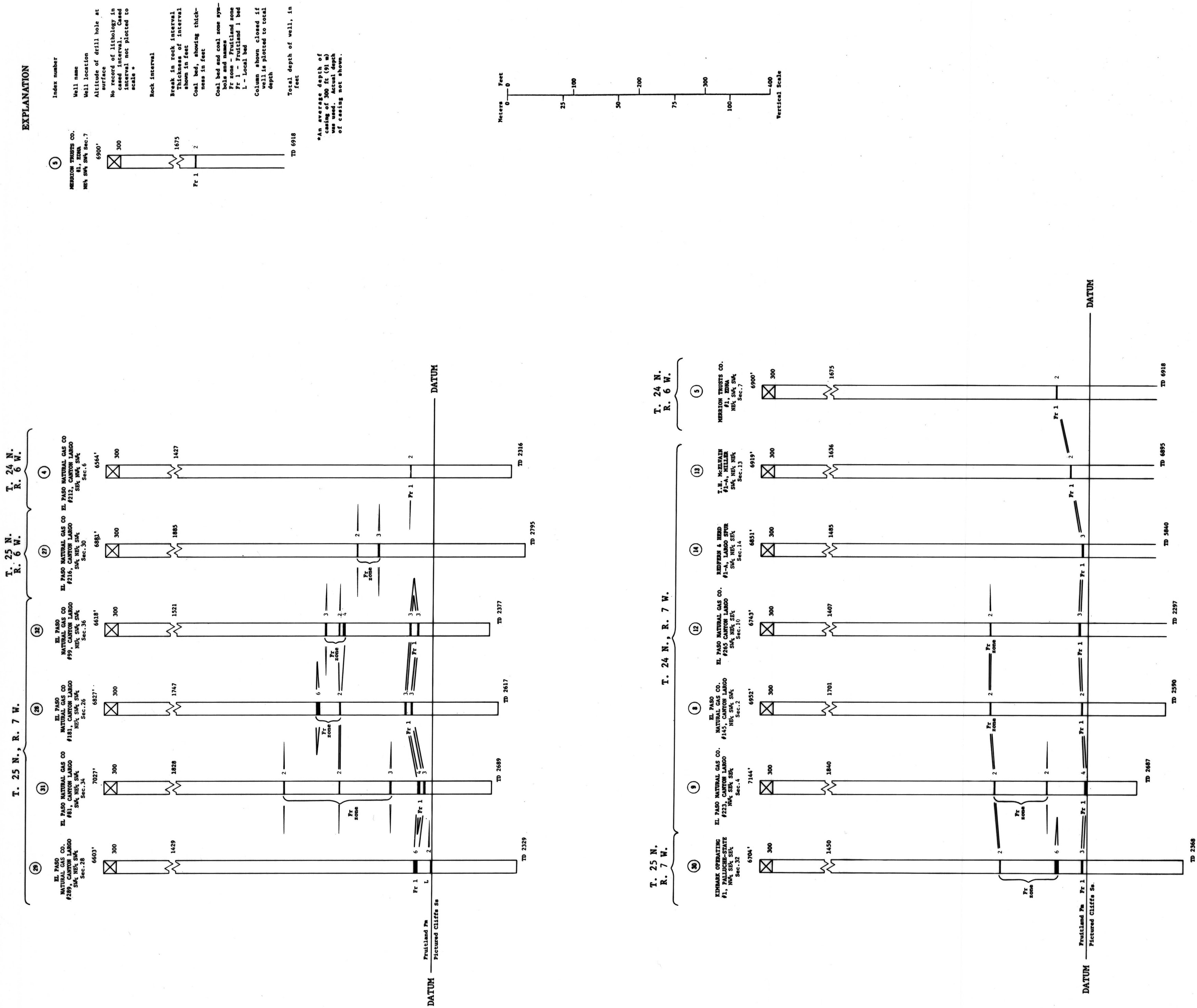


COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	MEMBER	COAL BED NAME	LITHOLOGIC DESCRIPTION
TERTIARY	Eocene	SAN JOSE FM	UNDIFFERENTIATED		1. Surface outcrop ranges from the Miocene Formation to the San Jose Formation. 2. Sandstone, buff to yellow, fine- to very coarse-grained, arkosic; interbedded silty shale, gray to green 3. Unconformity 4. Siltsstone, light to dark gray; interbedded shale, gray; interbedded sandstone, buff to yellow 5. Sandstone, white to cream, coarse-grained to conglomeratic; interbedded shale lenses 6. Unconformity 7. Siltsstone, gray-green to brown to mottled, plant fossils; interbedded sandstone, white, quartzitic, friable, kaolinitic 8. Shale, gray to brown, carbonaceous, plant fossils; interbedded siltsstone, kaolinitic 9. Coal, Fractured zone 10. Coal, Local bed 11. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green
					12. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green
CRETACEOUS	UPPER CRETACEOUS	KIRTLAND SHALE	UNDIFFERENTIATED		5. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green 6. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green 7. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green
					8. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green 9. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green 10. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green 11. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green 12. Sandstone, white to light gray, friable, slightly calcareous; interbedded shale, gray to green



CORRELATION OF COAL BEDS IN DRILL HOLES



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COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE NAGEEZI 15-MINUTE QUADRANGLE, RIO ARRIBA AND SAN JUAN COUNTIES, NEW MEXICO

BY  
DAMES & MOORE  
1979