

TABLE 3. A sample listing of thickness measurements of the banded anhydrite couplet layers from the Delaware basin. These are from the "D-zone" of the "Cowden no. 2 core," from the Cowden no. 2 well in Culberson County, Texas. W. E. Dean, "Petrologic and Geochemical Variations in the Permian Castile Varved Anhydrite, Delaware Basin, Texas and New Mexico," The University of New Mexico, 1967 (Ph.D. Dissertation), p. 279, 282, 285.

| Couplet number | Thickness of calcium carbonate and organic layers (combined) | Thickness of anhydrite layer | Total thickness of couplet |
|----------------|--|------------------------------|----------------------------|
| 1              | 0.20 mm  | 1.10 mm                      | 1.30                       |
| 2              | 0.30   | 0.80                         | 1.10                       |
| 3              | 0.30   | 1.30                         | 1.60                       |
| 4              | 0.20   | 1.30                         | 1.50                       |
| 5              | 0.20   | 0.70                         | 0.90                       |
| 6              | 0.30   | 1.10                         | 1.40                       |
| 7              | 0.40   | 0.74                         | 1.14                       |
| 8              | 0.20   | 1.24                         | 1.44                       |
| 9              | 0.30   | 1.12                         | 1.42                       |
| 10             | 0.30   | 0.92                         | 1.22                       |