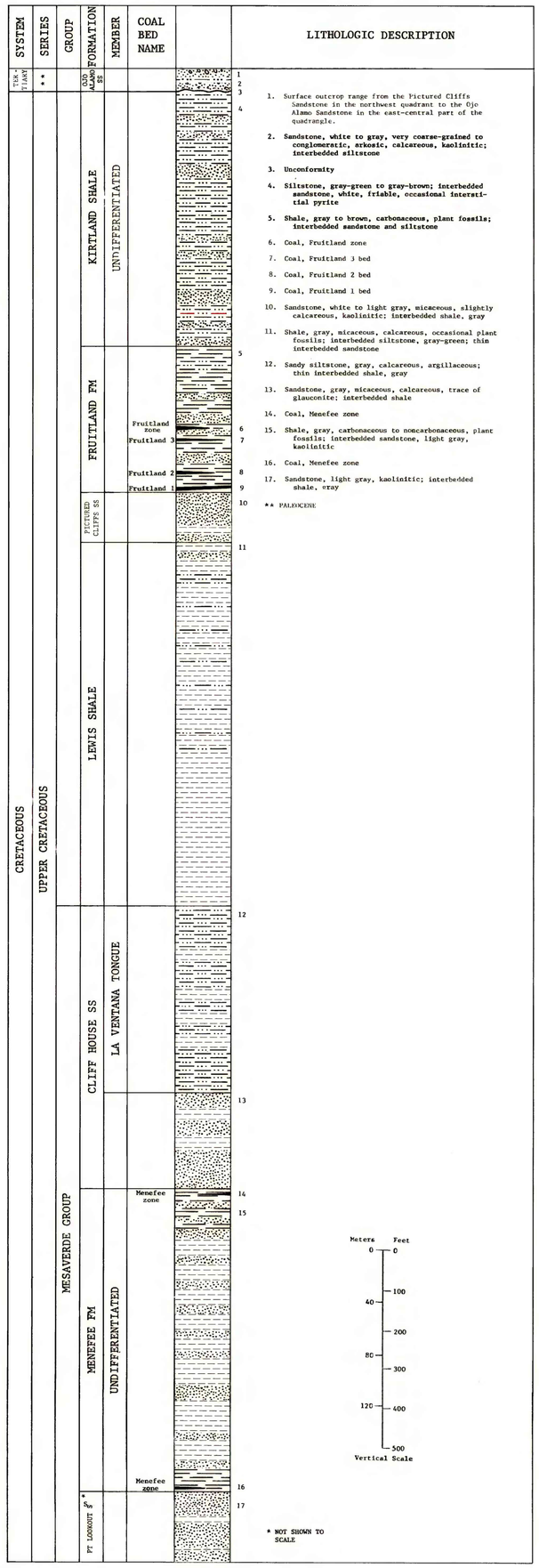
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

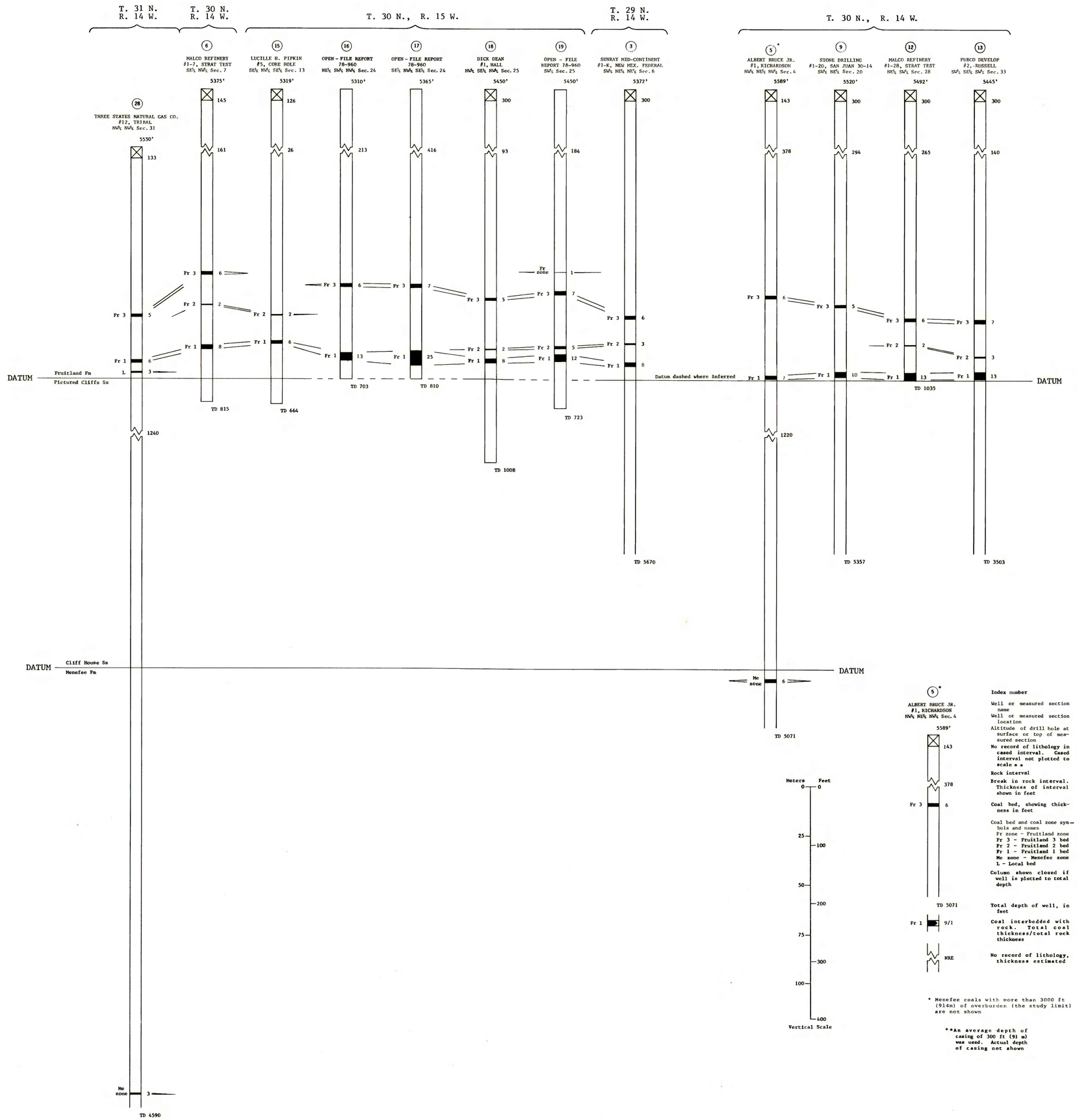
COMPOSITE COLUMNAR SECTION



1. Surface outcrop range from the Pictured Cliffs Sandstone in the northwest quadrant to the Ojo Alamo Sandstone in the east-central part of the quadrangle.
2. **Sandstone, white to gray, very coarse-grained to conglomeratic, arkosic, calcareous, kaolinitic; interbedded siltstone**
3. **Unconformity**
4. **Siltstone, gray-green to gray-brown; interbedded sandstone, white, friable, occasional interstitial pyrite**
5. **Shale, gray to brown, carbonaceous, plant fossils; interbedded sandstone and siltstone**
6. Coal, Fruitland zone
7. Coal, Fruitland 3 bed
8. Coal, Fruitland 2 bed
9. Coal, Fruitland 1 bed
10. Sandstone, white to light gray, micaceous, slightly calcareous, kaolinitic; interbedded shale, gray
11. Shale, gray, micaceous, calcareous, occasional plant fossils; interbedded siltstone, gray-green; thin interbedded sandstone
12. Sandy siltstone, gray, calcareous, argillaceous; thin interbedded shale, gray
13. Sandstone, gray, micaceous, calcareous, trace of glauconite; interbedded shale
14. Coal, Menefee zone
15. Shale, gray, carbonaceous to noncarbonaceous, plant fossils; interbedded sandstone, light gray, kaolinitic
16. Coal, Menefee zone
17. Sandstone, light gray, kaolinitic; interbedded shale, gray

** PALEOCENE

CORRELATION OF COAL BEDS IN DRILL HOLES



* Menefee coals with more than 3000 ft (914m) of overburden (the study limit) are not shown

**An average depth of casing of 300 ft (91 m) was used. Actual depth of casing not shown

COAL RESOURCE OCCURRENCE MAP OF THE YOUNGS LAKE QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

Compiled in 1979

PLATE 3
SHEET 1 OF 2
COAL DATA SHEET

OPEN FILE REPORT 79-1114
PLATE 3 OF 12

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