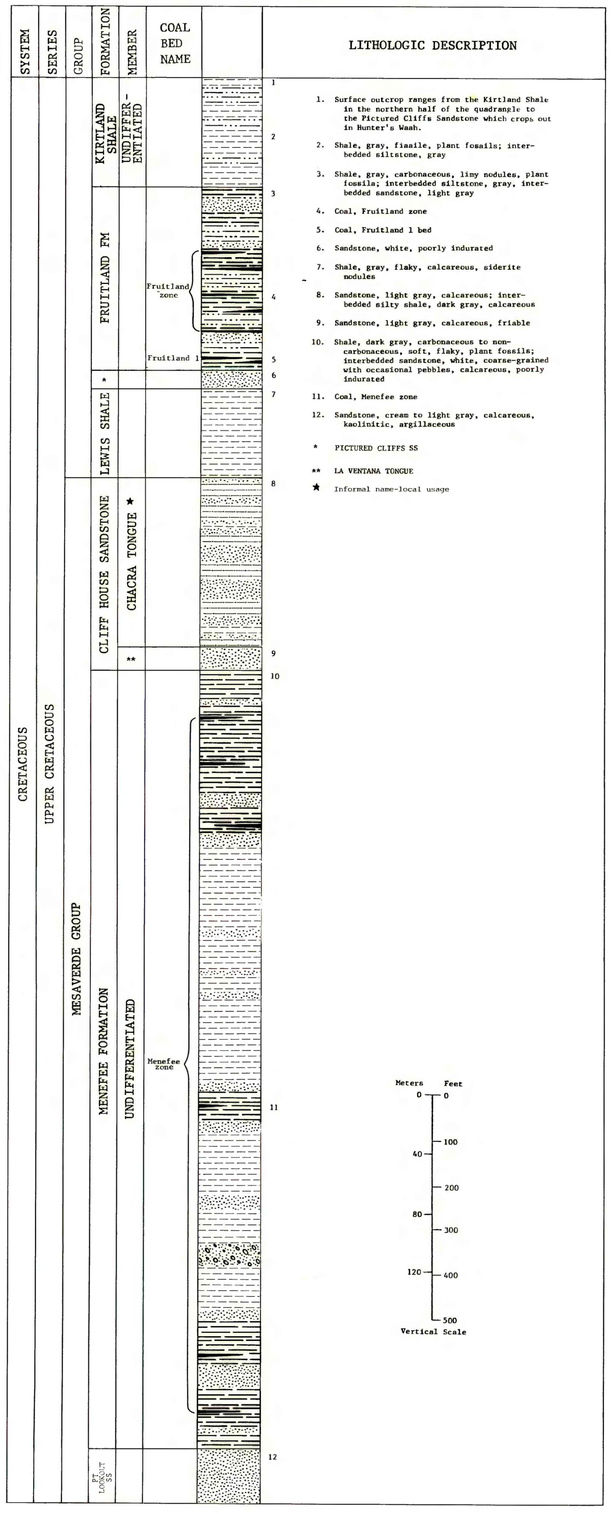
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMPOSITE COLUMNAR SECTION



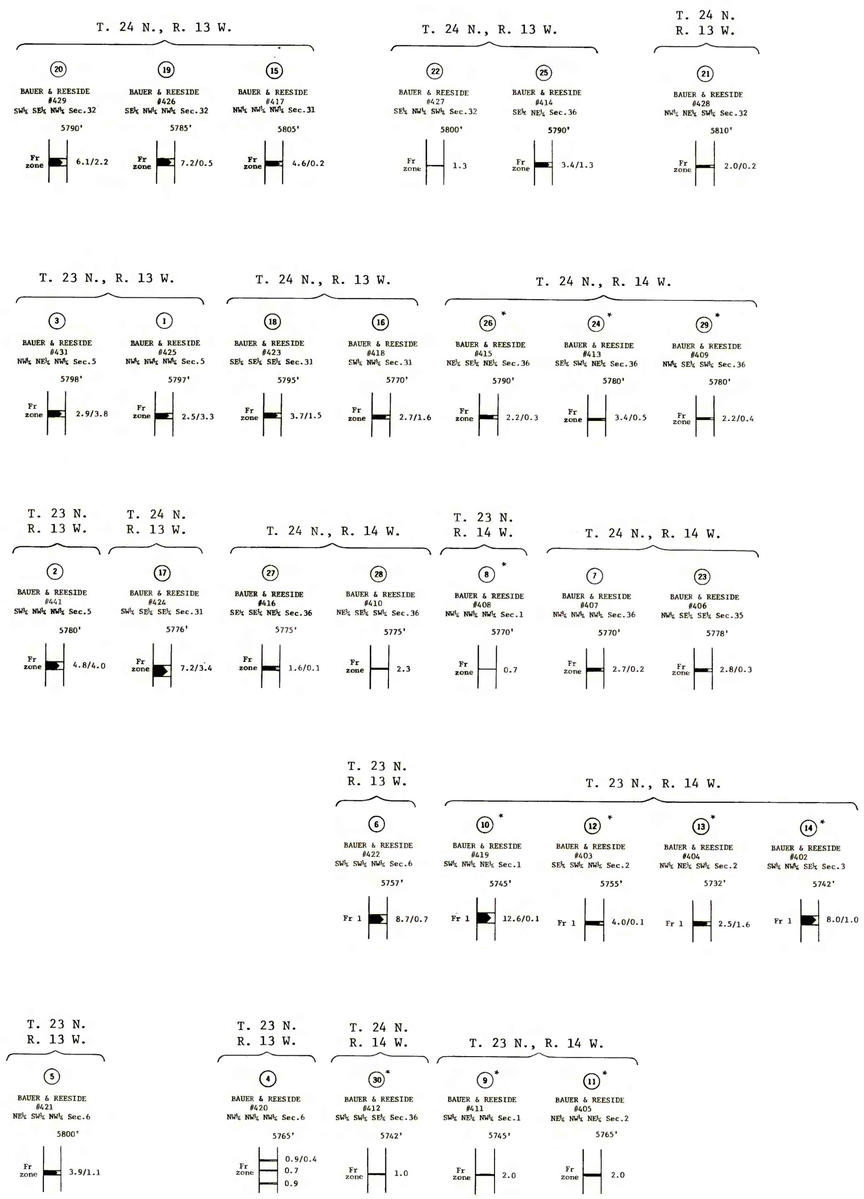
1. Surface outcrop ranges from the Kirtland Shale in the northern half of the quadrangle to the Pictured Cliffs Sandstone which crops out in Hunter's Wash.
2. Shale, gray, fissile, plant fossils; interbedded siltstone, gray
3. Shale, gray, carbonaceous, limy nodules, plant fossils; interbedded siltstone, gray, interbedded sandstone, light gray
4. Coal, Fruitland zone
5. Coal, Fruitland 1 bed
6. Sandstone, white, poorly indurated
7. Shale, gray, flaky, calcareous, siderite nodules
8. Sandstone, light gray, calcareous; interbedded silty shale, dark gray, calcareous
9. Sandstone, light gray, calcareous, friable
10. Shale, dark gray, carbonaceous to noncarbonaceous, soft, flaky, plant fossils; interbedded sandstone, white, coarse-grained with occasional pebbles, calcareous, poorly indurated
11. Coal, Menefee zone
12. Sandstone, cream to light gray, calcareous, kaolinitic, argillaceous

* PICTURED CLIFFS SS

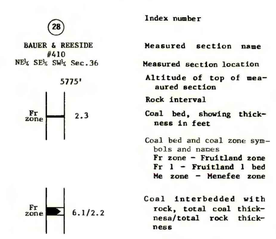
** LA VENTANA TONGUE

★ Informal name-local usage

CORRELATION OF COAL BEDS IN MEASURED SECTIONS



EXPLANATION



Index number

Measured section name

Measured section location

Altitude of top of measured section

Rock interval

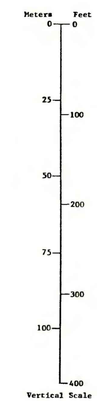
Coal bed, showing thickness in feet

Coal bed and coal zone symbols and names
Fr zone - Fruitland zone
Fr 1 - Fruitland 1 bed
Me zone - Menefee zone

Coal interbedded with rock, total coal thickness/total rock thickness

* Measured section, outside KRCRA boundary, within 3-mile study limit

Within the KRCRA, available information is limited to measured sections. Subsurface information from drill holes outside the KRCRA (not shown on plate 1) was used to compile the composite columnar sections.



COAL RESOURCE OCCURRENCE MAP OF THE BISTI TRADING POST QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY
DAMES & MOORE

1979

Compiled in 1979

PLATE 3
COAL DATA SHEET

OPEN FILE REPORT 79-601
PLATE 3 OF 12

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