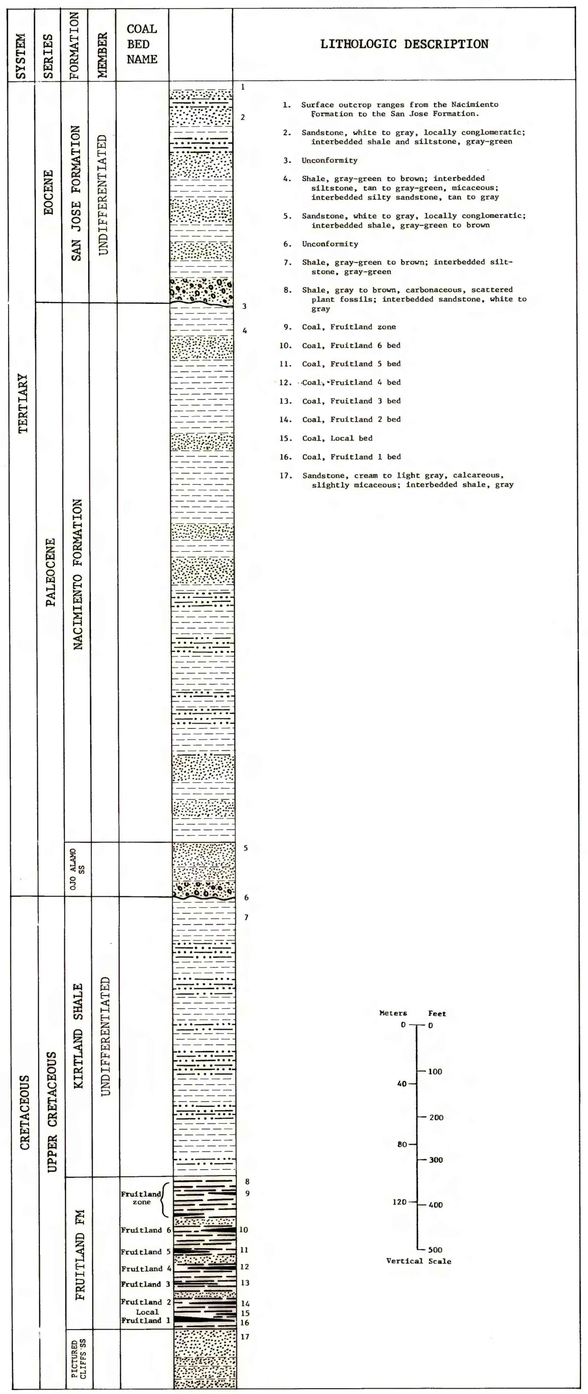
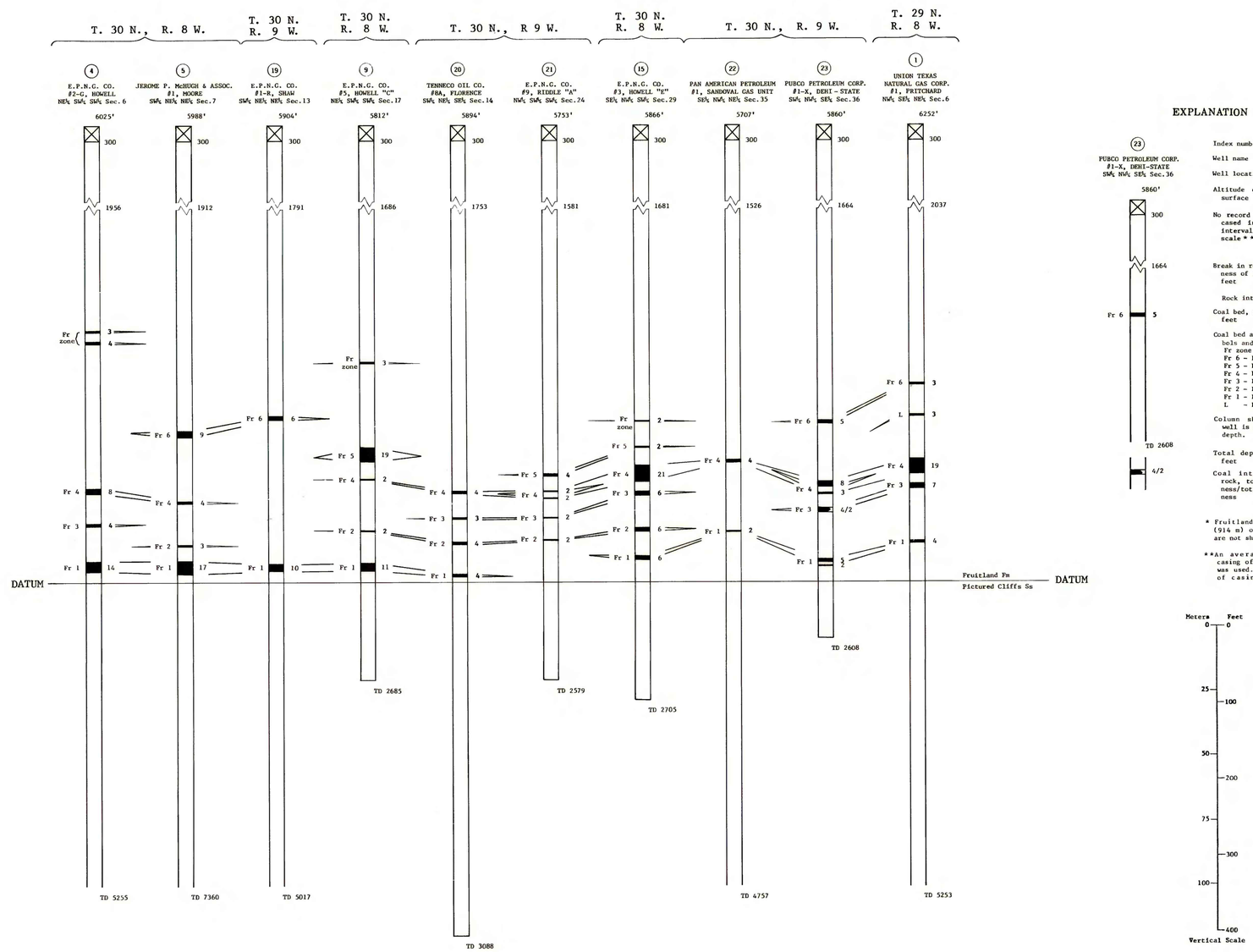
COMPOSITE COLUMNAR SECTION



1. Surface outcrop ranges from the Nacimiento Formation to the San Jose Formation.
2. Sandstone, white to gray, locally conglomeratic; interbedded shale and siltstone, gray-green
3. Unconformity
4. Shale, gray-green to brown; interbedded siltstone, tan to gray-green, micaceous; interbedded silty sandstone, tan to gray
5. Sandstone, white to gray, locally conglomeratic; interbedded shale, gray-green to brown
6. Unconformity
7. Shale, gray-green to brown; interbedded siltstone, gray-green
8. Shale, gray to brown, carbonaceous, scattered plant fossils; interbedded sandstone, white to gray
9. Coal, Fruitland zone
10. Coal, Fruitland 6 bed
11. Coal, Fruitland 5 bed
12. Coal, Fruitland 4 bed
13. Coal, Fruitland 3 bed
14. Coal, Fruitland 2 bed
15. Coal, Local bed
16. Coal, Fruitland 1 bed
17. Sandstone, cream to light gray, calcareous, slightly micaceous; interbedded shale, gray

CORRELATION OF COAL BEDS IN DRILL HOLES



EXPLANATION

Index number

Well name

Well location

Altitude of drill hole at surface

No record of lithology in cased interval. Cased interval not plotted to scale * *

Break in rock interval, thickness of interval shown, in feet

Rock interval

Coal bed, showing thickness in feet

Coal bed and coal zone symbols and names
Fr zone - Fruitland zone
Fr 6 - Fruitland 6 bed
Fr 5 - Fruitland 5 bed
Fr 4 - Fruitland 4 bed
Fr 3 - Fruitland 3 bed
Fr 2 - Fruitland 2 bed
Fr 1 - Fruitland 1 bed
L - Local bed

Column shown closed if well is plotted to total depth.

Total depth of well, in feet

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

* Fruitland coals with more than 3,000 ft (914 m) 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.

This map was prepared under contract to the U.S. Geological Survey and has not been edited for conformity with Geological Survey editorial standards. Opinions and conclusions expressed herein do not necessarily represent those of the Geological Survey.

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PLATE 3 OF 27

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE NAVAJO DAM 15-MINUTE QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

Compiled in 1979

PLATE 3
SHEET 1 OF 2
COAL DATA SHEET