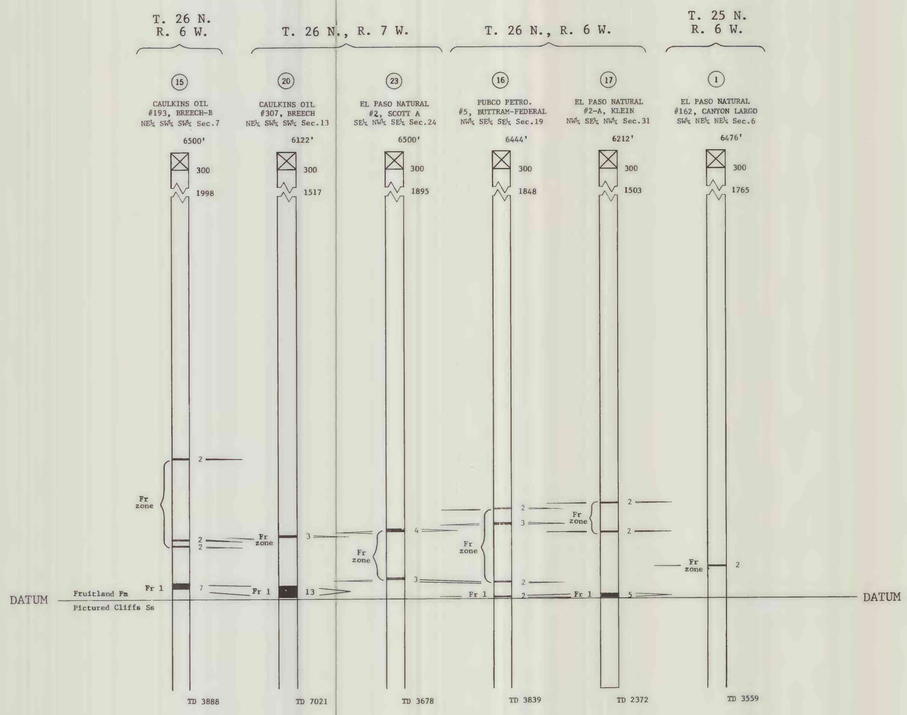
COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	MEMBER	COAL BED NAME		LITHOLOGIC DESCRIPTION
TERTIARY	EOCENE	SAN JOSE FORMATION	UNDIFFERENTIATED		1	1. Surface outcrop is San Jose Formation throughout the quadrangle.
					2	2. Shale gray-green to brown, locally sandy
					3	3. Sandstone, tan to gray-green, locally conglomeratic, arkosic, slightly micaceous, friable; interbedded siltstone, gray-green to maroon
						4. Unconformity
						5. Shale, gray-green to brown; interbedded silty sandstone, tan to gray; interbedded siltstone, tan to gray-green, micaceous
						6. Silty sandstone, tan to gray, slightly arkosic, locally conglomeratic; interbedded shale, gray
						7. Unconformity
						8. Shale, gray-green to brown, plant fossils; interbedded siltstone, gray-green, plant fossils
						9. Shale, gray to brown, carbonaceous, plant fossils; interbedded siltstone
	PALEOCENE	NACIMIENTO FORMATION			4	10. Coal, Fruitland zone
					5	11. Coal, Fruitland 1 bed
						12. Sandstone, cream to light gray, calcareous, kaolinitic, slightly micaceous, friable; interbedded shale, gray
		OJO ALAMO SS			6	
					7	
					8	
CRETACEOUS	UPPER CRETACEOUS	KIRTLAND SHALE	UNDIFFERENTIATED		9	
		FRUITLAND FM		Fruitland zone	10	
				Fruitland	11	
		*			12	

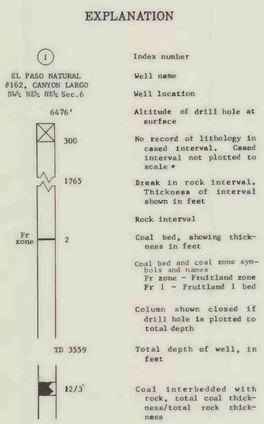
Meters / Feet: 0–0, 40–100, 80–200, 120–300, 400, 500 — Vertical Scale

* PICTURED CLIFFS SS

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

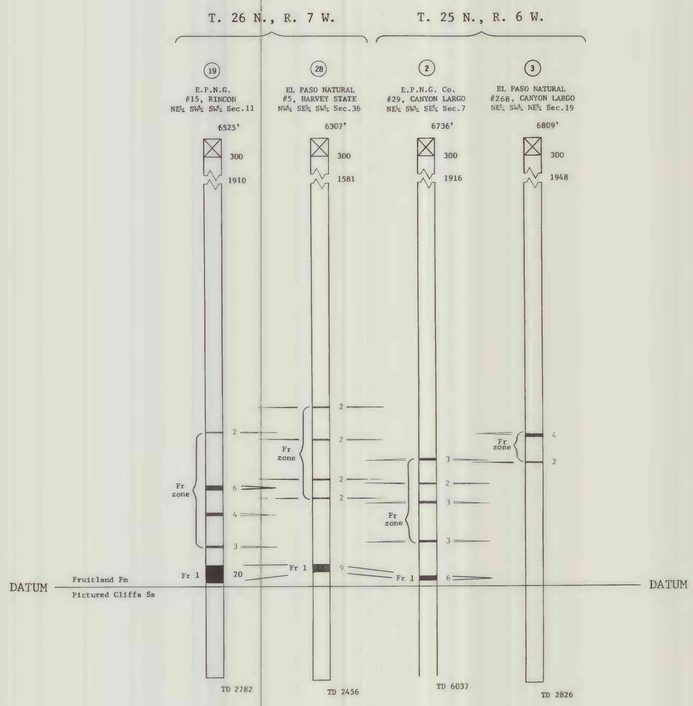
Coal bed and coal zone symbols and names
Fr zone - Fruitland zone
Fr 1 - Fruitland 1 bed

Column shown closed if drill hole is plotted to total depth

Total depth of well, in feet

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

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



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

BY

DAMES & MOORE

1979

Compiled in 1979

PLATE 3
SHEET 1 OF 2
COAL DATA SHEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-619
PLATE 3 OF 8

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