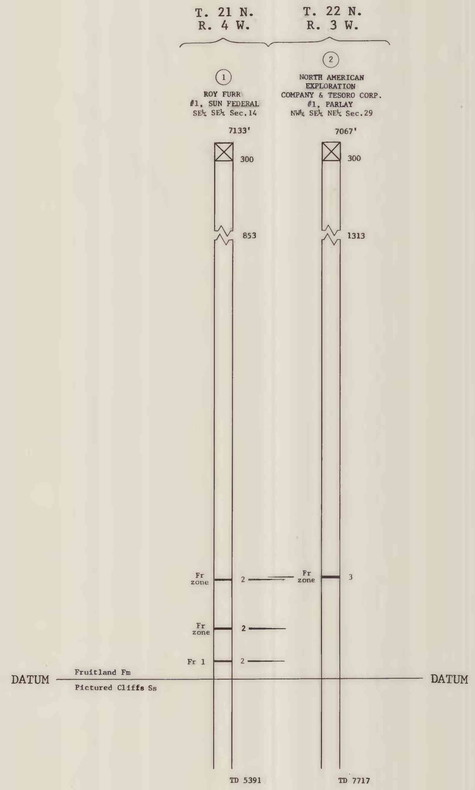
COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	MEMBER	COAL BED NAME		LITHOLOGIC DESCRIPTION
TERTIARY	EOCENE	SAN JOSE FORMATION	UNDIFFERENTIATED		1	1. Surface outcrop ranges from the Nacimiento Formation which crops out along the southern boundary to the San Jose Formation which crops out throughout the remainder of the quadrangle. 2. Sandstone, gray to orange-brown, fine- to coarse-grained, locally conglomeratic; interbedded shale and siltstone 3. Unconformity 4. Siltstone, gray, brown, green; interbedded thin sandstone, white to buff, calcareous 5. Sandstone, cream to light gray, slighlty calcareous, locally conglomeratic; interbedded siltstone, gray-brown, micaceous. The Ojo Alamo Sandstone is gradational with the Nacimiento Formation in places; a distinction between the two is difficult. 6. Unconformity 7. Shale, gray to brown, carbonaceous to non-carbonaceous; interbedded standstone, white to brown, coarse grained 8. Coal, Fruitland zone 9. Sandstone, gray to brown, fine-grained; interbedded shale, gray
	PALEOCENE	NACIMIENTO FORMATION			2 3 4	
		OJO ALAMO SS			5	
CRETACEOUS	UPPER CRETACEOUS	PICTURED CLIFFS SS	FRUITLAND FM	Fruitland zone	6 7 8	
			PC AND KIRTLAND SHALE		9	

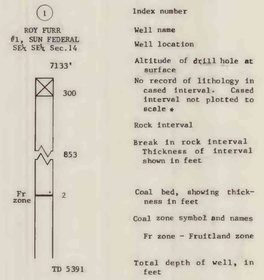
Meters 0, 40, 80, 120 — Feet 0, 100, 200, 300, 400, 500

Vertical Scale

CORRELATION OF COAL BEDS IN DRILL HOLES



EXPLANATION



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

COAL RESOURCE OCCURRENCE MAP OF THE TAYLOR RANCH QUADRANGLE, SANDOVAL COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

Compiled in 1978

PLATE 3

COAL DATA SHEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-159
PLATE 3 OF 3

"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."