UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALAMO MESA WEST QUADRANGLE
NEW MEXICO—SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-602
PLATE 1 OF 19

4356 IV NE (THE PILLAR)

4356 I NE (CARSON'S TRADING POST)

4356 I NW (MONCISCO WASH)

4356 IV SE (BIST TRADING POST)

4356 I SE (ALAMO MESA EAST)

4356 II NE (THE PILLAR 3 NE)

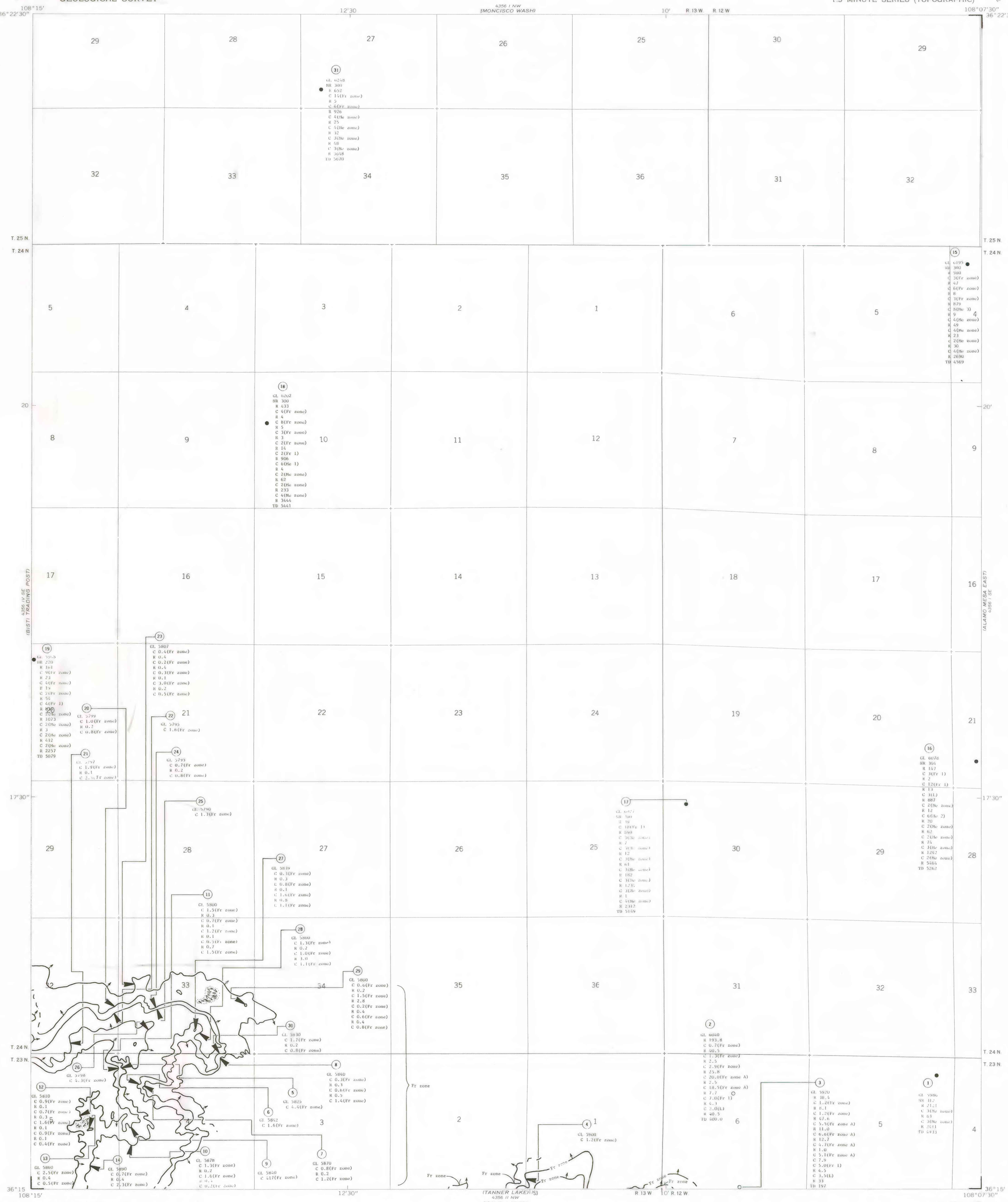
4356 II NE (PRETTY ROCK)

4356 II NW (TANNER LAKE)

108°15' 12'30" 10' 108°07'30"
36°22'30" 17'30" 36°15'

R. 13 W. R. 12 W.

T. 25 N.
T. 24 N.
T. 23 N.



EXPLANATION

(1)
GL 5968
NR 312
R 2121
C 3(Me zone)
R 83
C 3(Me zone)
R 2411
TD 4911

DRILL HOLE - Shown solid for oil and gas. Showing drill hole data, in feet. Index number refers to drill hole on Plate 3 of CRO map.

GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED SECTION DATA SYMBOLS

Fr zone - Fruitland zone
Fr zone A - Fruitland zone A bed
Fr 1 - Fruitland 1 bed
Me 3 - Menefee 3 bed
Me 2 - Menefee 2 bed
Me 1 - Menefee 1 bed
Me zone - Menefee zone
L - Local bed

COAL BED AND COAL ZONE SYMBOLS AND NAMES

(21)
GL 5797
C 1.9(Fr zone)
R 0.1
C 2.5(Fr zone)
Fr zone

TRACE OF COAL BED OUTCROP - Showing symbol or name of coal bed. Showing rock interval and coal thickness, in feet, measured at triangle. Index number refers to measured section on Plate 3 of CRO map. Arrow points toward the coal-bearing area. Trace of coal bed outcrop modified (from original data source) to fit modern topographic map, dashed where inferred.

BURNED AND CLINKERED COAL BED - Showing area of baked and fused rock (v symbol). Dotted line indicates inferred limit of burning.

To convert feet to meters, multiply feet by 0.3048.

NR is an average of 300 ft (91 m) of casing. Actual depth of casing not shown.

Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

GN MN
1°40' 30 MILS
14° 249 MILS
UTM GRID AND 1966 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

NEW MEXICO

COAL RESOURCE OCCURRENCE MAP OF THE ALAMO MESA WEST QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

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.

PLATE 1
COAL DATA MAP