UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TANNER LAKE QUADRANGLE
NEW MEXICO—SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-605
PLATE 18 OF 24

4356 I SE (BISTI TRADING POST)

4356 I SW (ALAMO MESA WEST)

4356 II SE (ALAMO MESA EAST)

108°15' 12'30" R.13 W 10' R.12 W. 108°07'30"

36°15'

12'30"

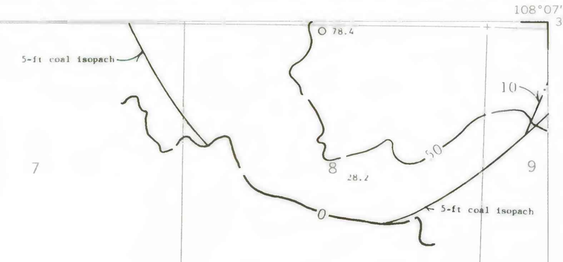
10'

T. 23 N.

T. 22 N.

4356 II NE (THE PILLAR 2 NE)

4356 II NE (PRETTY ROCK)



EXPLANATION

50

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland zone B coal bed. Isopach interval 50 feet (15.2 meters). Isopachs dashed where inferred.

78.4

DRILL HOLE - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland zone B coal bed.

10

MINING RATIO CONTOUR FOR FRUITLAND ZONE B COAL BED - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas suitable for surface mining within the strippable limit. Stripping limit is 200 feet (61 meters) of overburden.

To convert cubic yards per ton to cubic meters per metric ton, multiply cubic yards per ton by 0.842.

To convert feet to meters, multiply feet by 0.3048.

4356 II SW (THE PILLAR 2 SW)

4356 II SW (LA VIDA MISSION)

4356 II SE (KIN KLIZHIN RUINS)

36°07'30"

108°15'

108°07'30"

Base from U.S. Geological Survey, 1966

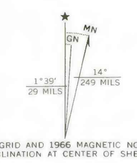
Compiled in 1979

SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER



UTM GRID AND 1966 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE TANNER LAKE 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 18

ISOPACH MAP OF OVERBURDEN
OF THE FRUITLAND ZONE B COAL BED