UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TINIAN QUADRANGLE
NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-625
PLATE I OF 31

This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

③ GL 6639
● NR 134
R 499
C 3 (MA2)
R 257
C 1.0 (MA Zone)
R 1.0
C 1.0 (MA Zone)
R 29
C 2 (MA Zone)
R 703.5
C 3 (MC5)
R 78.5
C 2 (MC4)
R 136.5
C 3.5 (MC Zone)
R 15
C 2 (MC2)
R 3
C 3 (MC1)
R 10+
TD 8922

DRILL HOLE-Shown solid for oil and gas, open for coal. Showing drill hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text.

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

DRILL HOLE AND MEASURED SECTION DATA SYMBOLS

FR1-Fruitland No. 1 bed
MH1-Menefee Hogback Mtn. No. 1 bed
MA Zone-Menefee Allison zone
MA2A-Menefee Allison No. 2A bed
MA2-Menefee Allison No. 2 bed
L-Local coal bed
MC Zone-Menefee Cleary zone
MC5-Menefee Cleary No. 5 bed
MC4-Menefee Cleary No. 4 bed
MC3-Menefee Cleary No. 3 bed
MC2-Menefee Cleary No. 2 bed
MC1-Menefee Cleary No. 1 bed

COAL BED/ZONE SYMBOLS AND NAMES

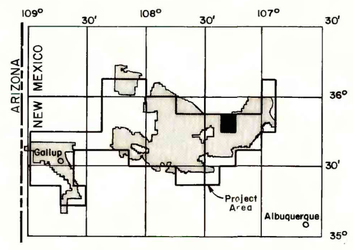
GL 6770
C 1.5 (MA Zone)
R 2
C 0.5 (MA Zone)
⑩ MA Zone

TRACE OF COAL BED OR ZONE OUTCROP-Showing rock interval and coal thickness, in feet, measured at triangle. Index number refers to meas. on plate 3 of CRO map or in table of text. Arrow points toward the coal-bearing area. Dashed line indicates inferred outcrop. Trace of coal outcrop modified from original data source to fit modern topographic map.

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

FAULT-Dashed where approximately located; bar and bell on downthrown side.

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF QUADRANGLE (WITHIN THE PROJECT AREA) AND THE KNOWN RECOVERABLE COAL RESOURCE AREAS (STIPPLED), NEW MEXICO

Base from U. S. Geological Survey, 1961

Compiled in 1978

SCALE 1:24000

1 MILE
7000 FEET
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1961

NEW MEXICO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE TINIAN QUADRANGLE, SANDOVAL AND McKINLEY COUNTIES, NEW MEXICO

BY

BERGE EXPLORATION, INC.

1979

PLATE I
COAL DATA MAP