

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

EXPLANATION

- (B) GL 6325
- NR 8
- R 65
- C 1.5 (MC Zone)
- R 6
- C 6 (MC1)
- R 10+
- TD 150

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

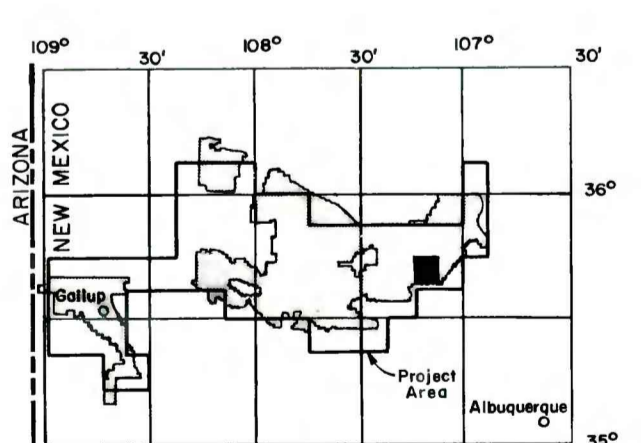
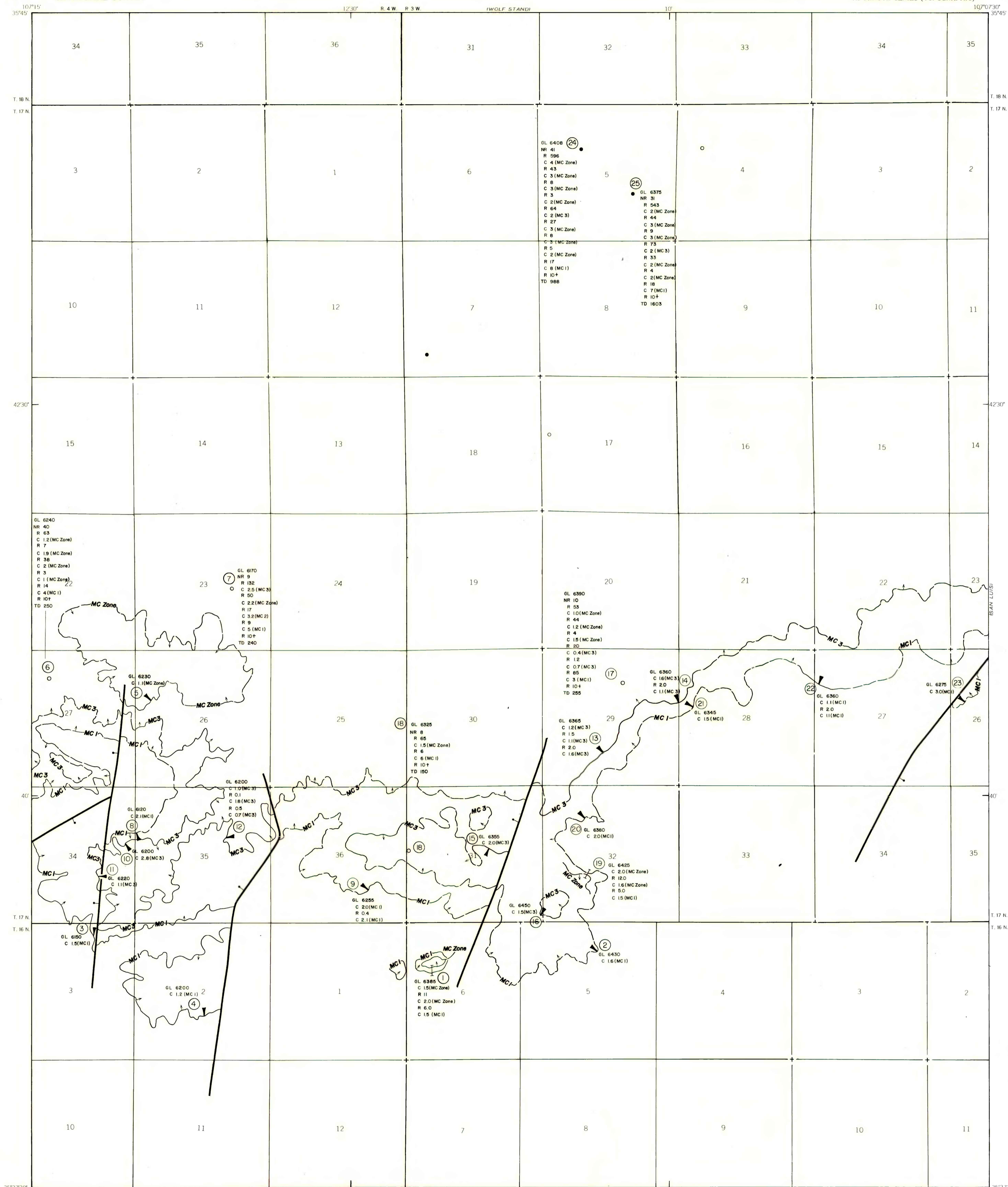
MC Zone—Menefee Cleary coal zone
MC3—Menefee Cleary No. 3 coal bed
MC2—Menefee Cleary No. 2 coal bed
MC1—Menefee Cleary No. 1 coal bed
COAL BED/ZONE SYMBOLS AND NAMES

- GL 6360 (14)
- C 1.6 (MC3)
- R 2.0
- C 1.1 (MC3)

TRACE OF COAL BED OR ZONE OUTCROP—Showing rock interval and coal thickness, in feet measured at triangle or line of section. Index number refers to measurement 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.

FAULT—Bar and bell on downthrown side.

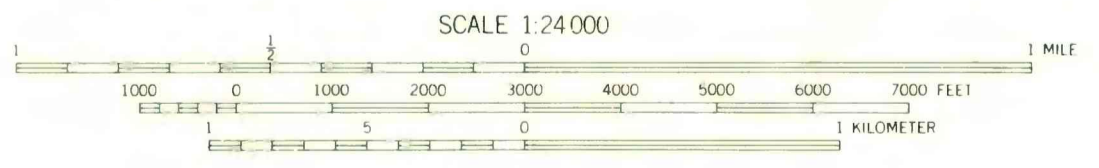
To convert feet to meters, multiply feet by 0.3048.



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



APPROXIMATE MEAN
MAGNETIC NORTH
DECLINATION, 1980

NEW MEXICO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE ARROYO EMPEDRADO
QUADRANGLE, SANDOVAL COUNTY, NEW MEXICO

BY
BERGE EXPLORATION, INC.
1979