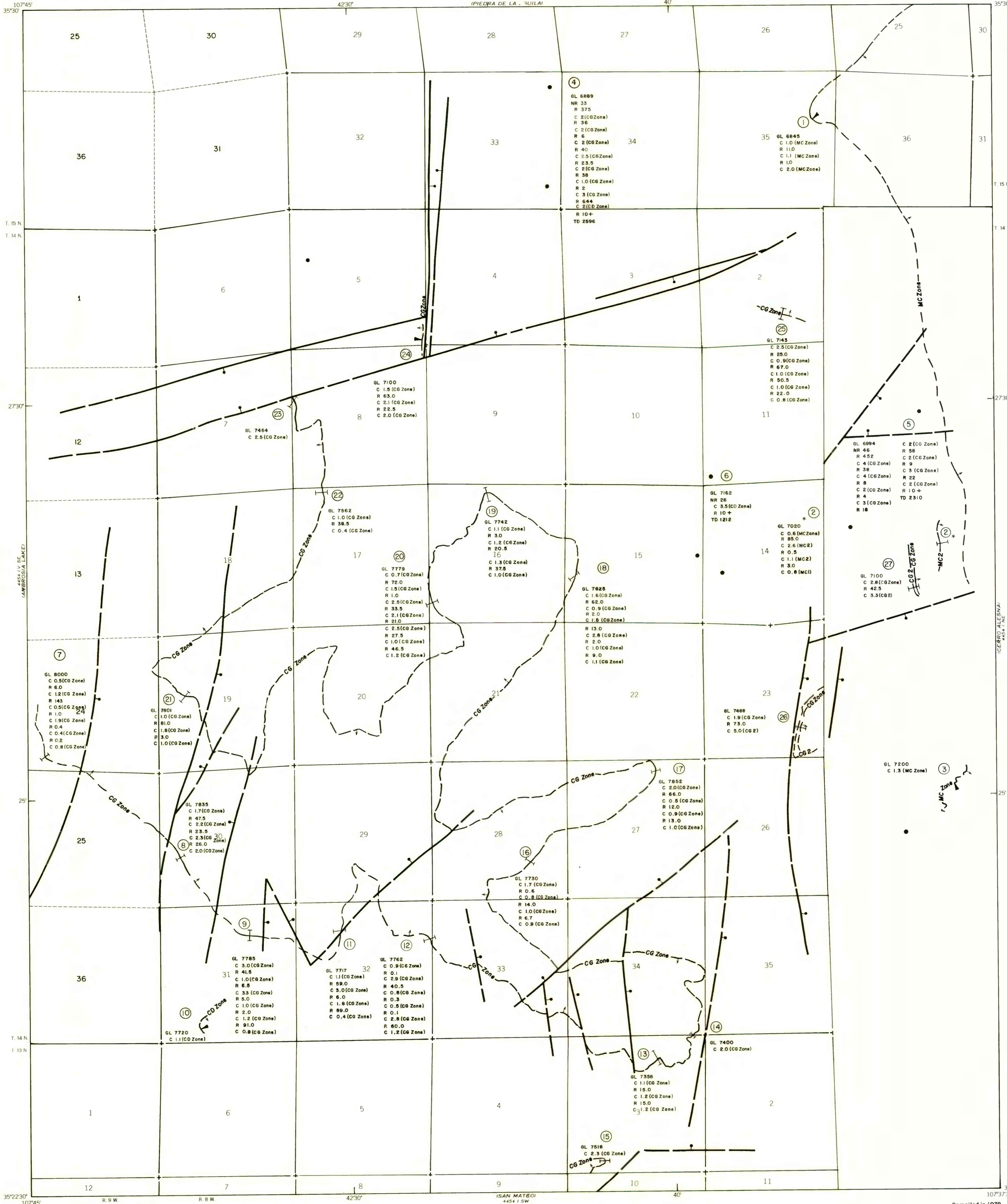


MESA DE LAS TORRES

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



EXPLANATION

- GL 7162
NR 26
C 3.5 (CD Zone)
R 10+
TD 1212

DRILL HOLE-Shown solid for oil and gas. 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
MC2-Menefee Cleary No. 2 coal bed
MC1-Menefee Cleary No. 1 coal bed
CG Zone-Crevasse Canyon Gibson coal zone
CG2-Crevasse Canyon Gibson No. 2 coal bed
CD-Crevasse Canyon Dilco coal zone

COAL BED/ZONE SYMBOLS AND NAMES

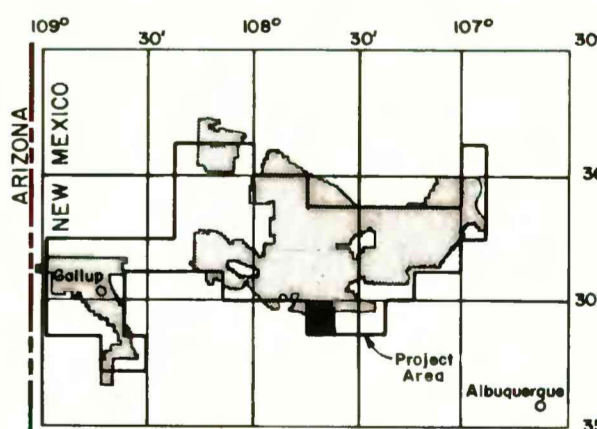
- GL 7562
C 1.0 (CG Zone)
R 38.5
C 0.4 (CG Zone)

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 bed outcrop modified from original data source to fit modern topographic map.

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

To convert feet to meters, multiply feet by 0.3048.

NOTE: All section lines short dashed ----- are projected & shown in approximate locations only. Certified data not available. Refer to B.L.M. MT plats for related information.

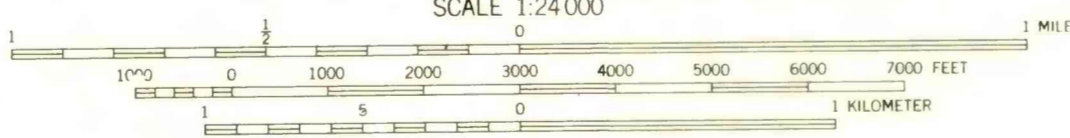
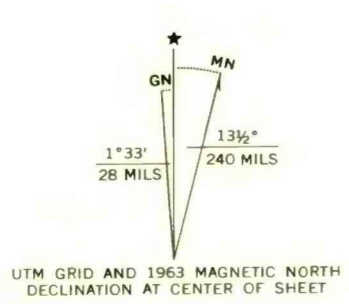


MAP SHOWING LOCATION OF QUADRANGLE (WITHIN THE PROJECT AREA) AND THE KNOWN RECOVERABLE COAL RESOURCE AREAS (STIPPLED), NEW MEXICO

Base from U.S. Geological Survey, 1963

ISAN MATEO 4454 1 SW

Compiled in 1978



COAL RESOURCE OCCURRENCE MAP OF THE SAN LUCAS DAM QUADRANGLE, MCKINLEY COUNTY, NEW MEXICO BY BERGE EXPLORATION, INC. 1979