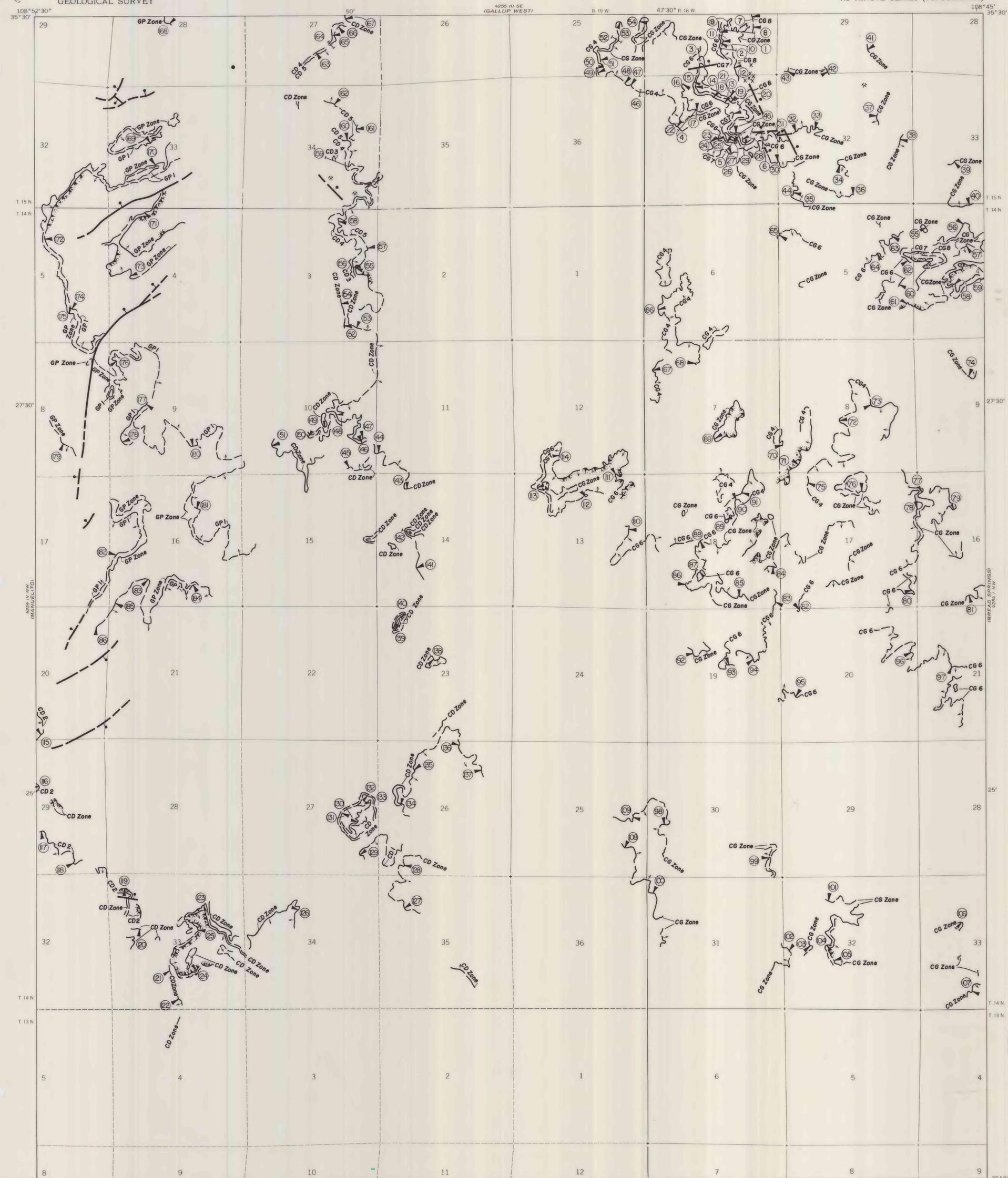


This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION
● DRILL HOLE—Shown solid for oil and gas.
▲ GL—Ground level elevation
R—Rock interval
C—Coal

MEASURED SECTION DATA SYMBOLS
CG8—Crevasse Canyon Gibson No. 8 coal bed.
CG7—Crevasse Canyon Gibson No. 7 coal bed.
CG6—Crevasse Canyon Gibson No. 6 coal bed.
CG4—Crevasse Canyon Gibson No. 4 coal bed.
CG Zone—Crevasse Canyon Gibson coal zone.
CD5—Crevasse Canyon Dilco No. 5 coal bed.
CD4—Crevasse Canyon Dilco No. 4 coal bed.
CD3—Crevasse Canyon Dilco No. 3 coal bed.
CD2—Crevasse Canyon Dilco No. 2 coal bed.
CD Zone—Crevasse Canyon Dilco coal zone.
GP1—Gallup No. 1 coal bed.
GP Zone—Gallup coal zone.

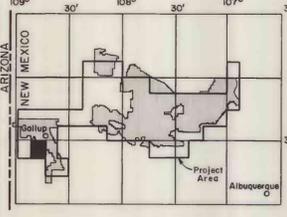
COAL BED ZONE SYMBOLS AND NAMES
▲ GP Zone
GL 6460
C 0.7 (GP Zone)
R 0.1
C 1.0 (GP Zone)

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

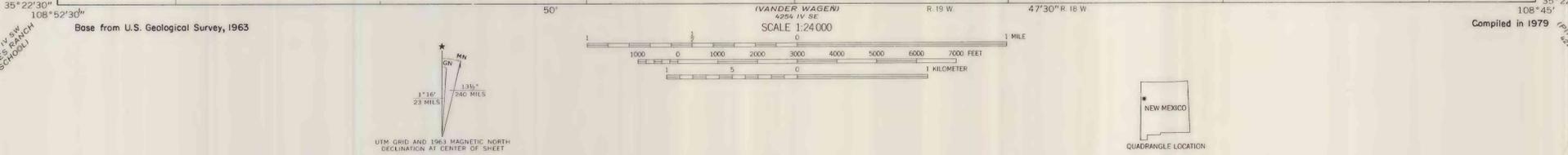
BURNED AND CLINKERED COAL BED—Showing area of baked and fused rock (v symbol). Dotted line indicates inferred limit of burning.

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

MINE (abandoned) X PROSPECT
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



COAL RESOURCE OCCURRENCE MAP OF THE TWIN BUTTES QUADRANGLE, MCKINLEY COUNTY, NEW MEXICO
BY
BERGE EXPLORATION, INC.
1980