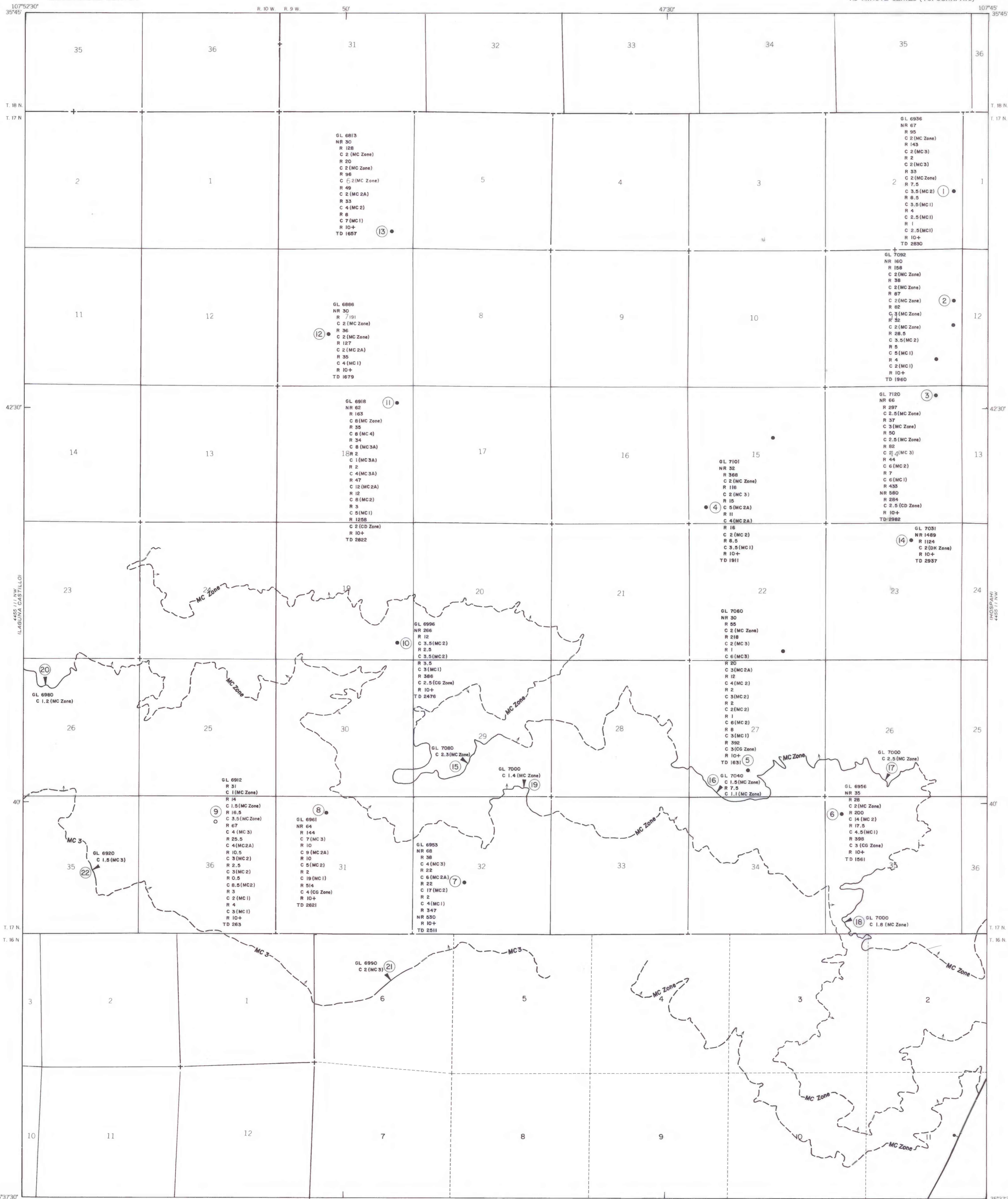


This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION

- GL 6886
- NR 30
- R 191
- C 2 (MC Zone)
- R 36
- C 2 (MC Zone)
- R 127
- C 2 (MC 2A)
- R 35
- C 4 (MC 1)
- R 10+
- TD 1679

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
- MC4-Menefee Cleary No. 4 coal bed
- MC3A-Menefee Cleary No. 3A coal bed
- MC3-Menefee Cleary No. 3 coal bed
- MC2A-Menefee Cleary No. 2A coal bed
- MC2-Menefee Cleary No. 2 coal bed
- MC1-Menefee Cleary No. 1 coal bed
- CG Zone-Crevasse Canyon Gibson coal zone
- CD Zone-Crevasse Canyon Dilco coal zone
- DK Zone-Dakota coal zone

COAL BED/ZONE SYMBOLS AND NAMES

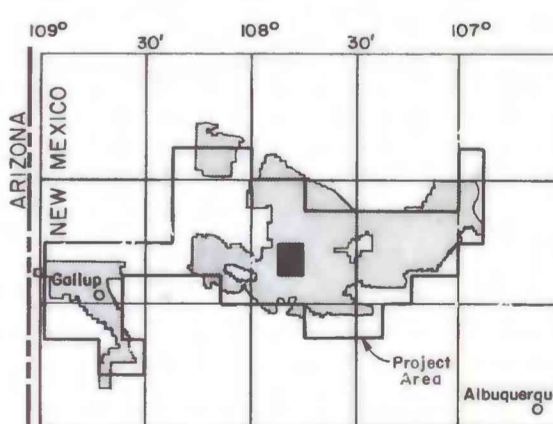
- GL 7040
- C 1.5 (MC Zone)
- R 7.5
- C 1.1 (MC Zone)

TRACE OF COAL BED OR ZONE OUTCROP-Showing rock interval and coal thickness, in feet, measured at triangle. 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-Bar and bell on downthrown side.

To convert feet to meters, multiply feet by 0.3048.

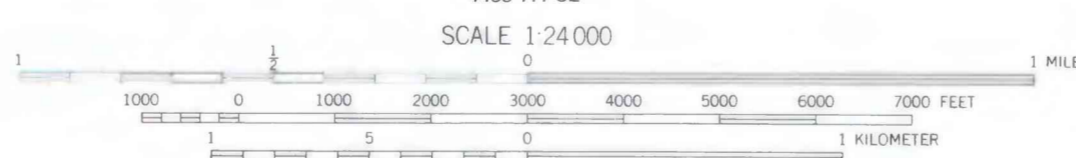
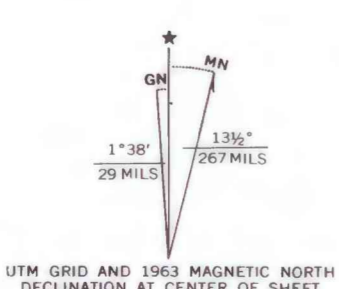
NOTE:  
All section lines short dashed  
---- are projected & shown in approximate locations only.  
Certified data not available.  
Refer to B.L.M. MT plats for related information.



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

Compiled in 1978



COAL RESOURCE OCCURRENCE MAP OF THE ORPHAN ANNIE ROCK  
QUADRANGLE, MCKINLEY COUNTY, NEW MEXICO  
BY  
BERGE EXPLORATION, INC.  
1979