

**EXPLANATION**

○ (42)  
R 104.9  
C 0.2(Fe)[u]  
R 1.0  
TD NR

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Bracketed number(s) designate name of coal bed(s) as listed below.

▲ (36)  
NR  
C 2.6(Em)[2]  
NR

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text. Bracketed number(s) designate name of coal bed(s) as listed below. Undifferentiated coal beds in outcrop sections are not followed by coal bed numbers.

× (18)  
NR  
C 1.1(Em)[u]  
R 0.6  
C 1.2(Em)[u]  
R 5.6  
C 2.1(Em)[u]  
R 0.1  
C 1.8(Em)[u]  
R 3.9  
C 0.6(Em)[u]  
NR

COAL PROSPECT PIT - with measured section.

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

**TEST HOLE AND MEASURED SECTION DATA SYMBOLS**

Em - Emery coal zone  
Em[u] - Emery coal zone, undifferentiated  
Fe - Ferron coal zone  
Fe[u] - Ferron coal zone, undifferentiated

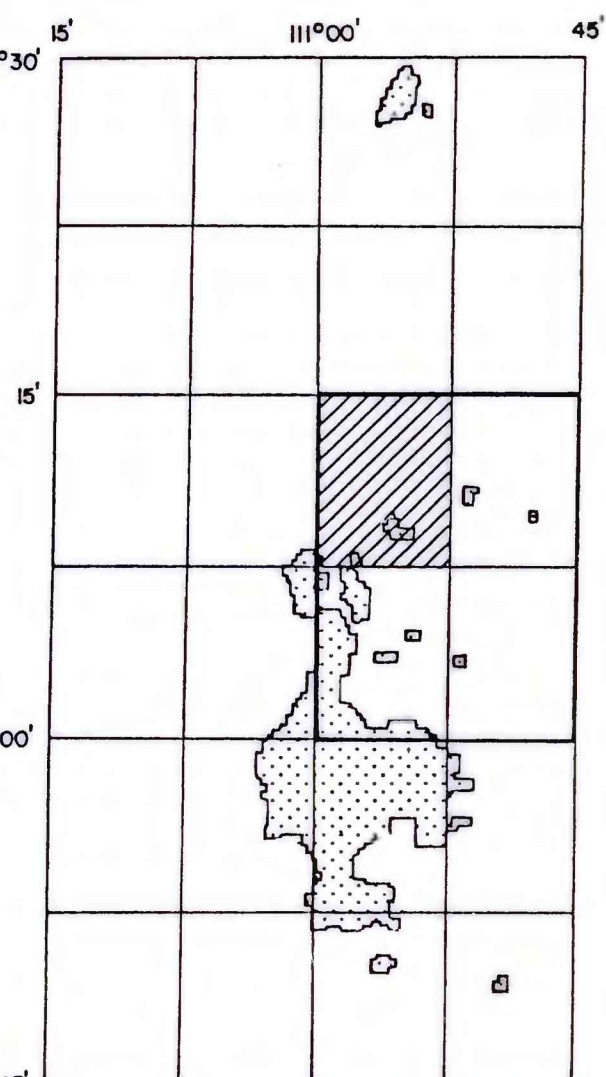
**COAL BED SYMBOLS AND NAMES -** Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

—▲—  
TRACE OF COAL ZONE OUTCROP - Letters designate name of coal zone as listed above. Arrow points toward coal-bearing area. Dashed line indicates inferred outcrop.

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

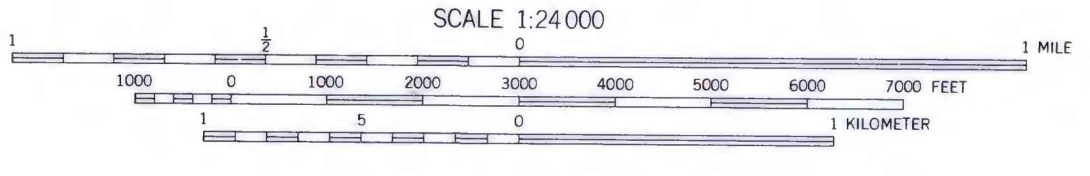
—▲—  
AXIS OF SYNCLINE - Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE NW 1/4 OF THE MT. ELLEN 15-MINUTE QUADRANGLE (HATCHED) AND THE HENRY MOUNTAINS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), UTAH.

Base from U.S. Geological Survey, 1962



Compiled in 1978/79

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

**COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE MT. ELLEN 15-MINUTE QUADRANGLE, WAYNE AND GARFIELD COUNTIES, UTAH**  
**BY DAMES AND MOORE**  
**1979**

