

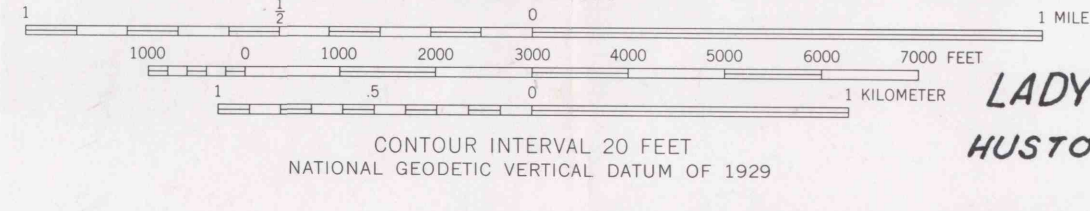
MINE SEALS  
 BOREHOLES  
 OVERFLOW BOREHOLES

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1958. Field check 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system,  
north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines  
visible on aerial photographs. This information is unchecked  
Unlabeled wells are gas wells  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

Revisions shown in purple compiled in cooperation with State of  
Pennsylvania agencies from aerial photographs taken 1971.  
This information not field checked



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

**LADY JANE COLLIERIES, INC.**  
HUSTON TWP, CLEARFIELD CO., PA.

Map photinspected 1977  
No major culture or drainage changes observed  
**GWIN, DOBSON & FOREMAN, INC.**  
Consulting Engineers  
Altoona, Pa.

ROAD CLASSIFICATION

Heavy-duty —————  
 Medium-duty ————  
 Light-duty —————  
 Unimproved dirt - - - - -  
 State Route   
 Interstate Route

PENFIELD, PA.

N4107.5—W7830/7.5  
PHOTOINSPECTED 1977  
1959  
PHOTOREVISED 1971  
AMS 5266 II NE—SERIES 9831

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST