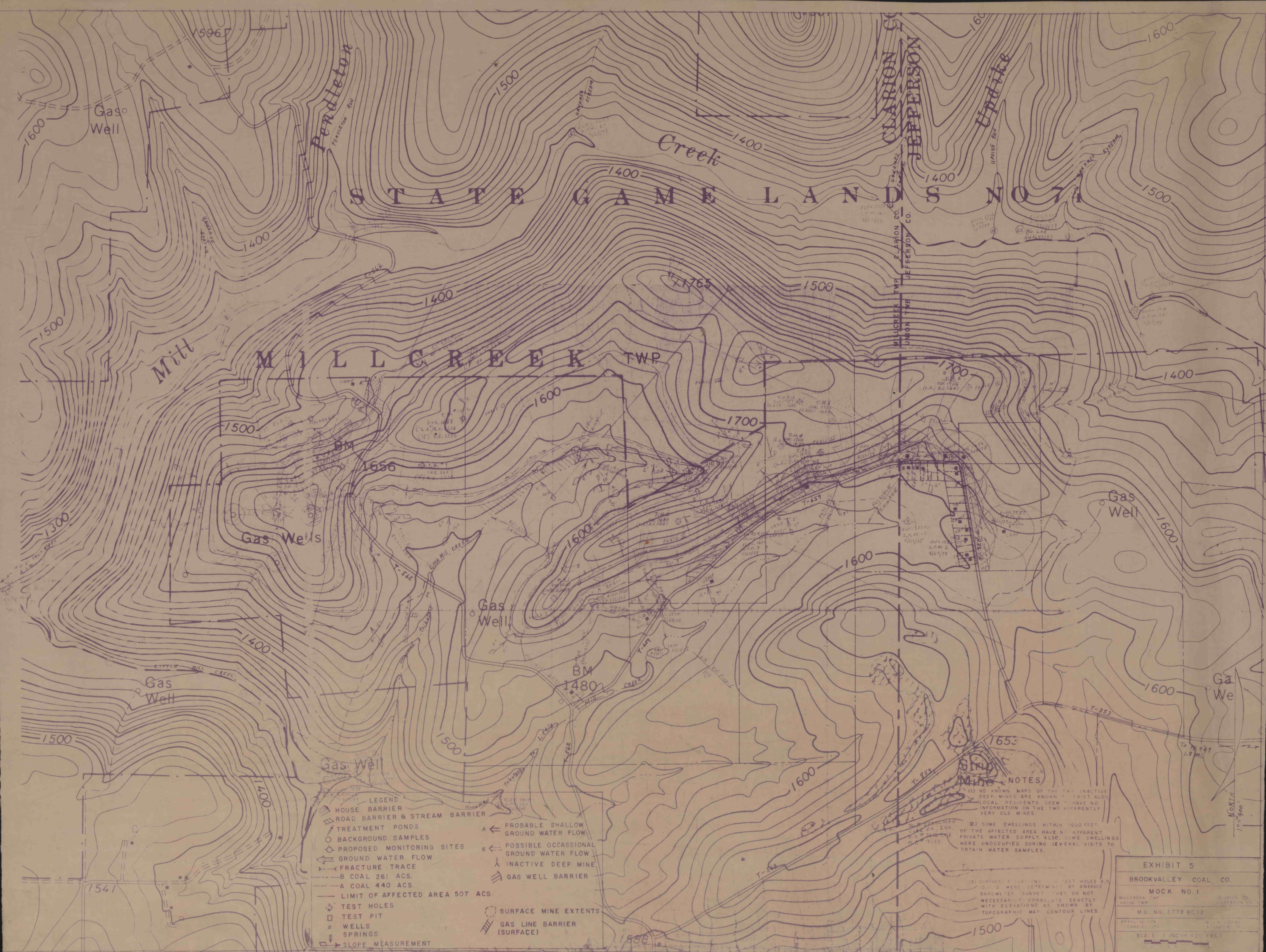




- LEGEND**
- HOUSE BARRIER
 - ROAD BARRIER & STREAM BARRIER
 - TREATMENT PONDS
 - BACKGROUND SAMPLES
 - PROPOSED MONITORING SITES
 - GROUND WATER FLOW
 - FRACTURE TRACE
 - B COAL 261 ACS.
 - A COAL 440 ACS.
 - LIMIT OF AFFECTED AREA 507 ACS.
 - TEST HOLES
 - TEST PIT
 - WELLS
 - SLOPE MEASUREMENT
 - PROBABLE SHALLOW GROUND WATER FLOW
 - POSSIBLE OCCASIONAL GROUND WATER FLOW
 - INACTIVE DEEP MINE
 - GAS WELL BARRIER
 - SURFACE MINE EXTENTS
 - GAS LINE BARRIER (SURFACE)

MINE NOTES

(1) NO KNOWN MAPS OF THE TWO INACTIVE DEEP MINES ARE KNOWN TO EXIST. ALSO, LOCAL RESIDENTS SEEM TO HAVE NO INFORMATION ON THE TWO APPARENTLY VERY OLD MINES.

(2) SOME DWELLINGS WITHIN 1000 FEET OF THE AFFECTED AREA HAVE NO APPARENT PRIVATE WATER SUPPLY. ALSO, SOME DWELLINGS WERE UNOCCUPIED DURING SEVERAL VISITS TO OBTAIN WATER SAMPLES.

(3) SURFACE ELEVATIONS - TEST HOLES 8, 9, 10, 11, 12 WERE DETERMINED BY ANEROID BAROMETER SURVEY. THEY DO NOT NECESSARILY CORRELATE EXACTLY WITH ELEVATIONS AS SHOWN BY TOPOGRAPHIC MAP CONTOUR LINES.

EXHIBIT 5

BROOKVALLEY COAL CO.

MOCK NO. 1

MILL CREEK TWP
CLARION CO.
UNION TWP
JEFFERSON CO.

M.D. NO. 3778 BC12

APRIL 10, 1978
CLEARING, PA

SCALE 1 INCH = 400 FEET