Department of the Interior
United States Geological Survey

Prepared in cooperation with the
City of Memphis Light, Gas and Water Division

Water-Resources Investigations 82-4024
Plate 1

90°15′ 89°37′ 30″ 35°22′30″ 35°00′

EXPLANATION

OBSERVATION WELL

MALLORY

WELL FIELD AND NAME - Memphis Light, Gas and Water Municipal well field

210

POTENTIOMETRIC CONTOUR - Shows altitude in feet at which water level would have stood in tightly cased wells open to the Memphis Sand, September 1980. Contour interval 10 feet. Contours dashed where approximately located. National Geodetic Vertical Datum of 1929.

SCALE 1:125,000

1 0 1 2 3 4 5 MILES

1 0 1 2 3 4 5 KILOMETERS

MORTON
MC CORD
MALLORY
SHEAHAN
ALLEN
DAVIS
LICHTERMAN

Inferred southeastern limits of confining bed overlying the Memphis Sand

Base from U.S. Geological Survey 1:24,000 and Mississippi River Commission 1:62,500 quadrangles

Plate 1.-- Potentiometric map of the Memphis Sand in the Memphis area, Tennessee, September 1980.